



Fire Your Imagination

Studio

Balanced Flue with Thermostatic Remote Control



Instructions for Installation

For use in NZ (New Zealand).

IMPORTANT

INSTALLATION AND SERVICING MUST ONLY BE CARRIED OUT BY AUTHORISED PERSONNEL.

THE OUTER CASING, FRONT AND GLASS PANEL BECOME EXTREMELY HOT DURING OPERATION AND WILL RESULT IN SERIOUS INJURY AND BURNS IF TOUCHED. IT IS THEREFORE RECOMMENDED THAT A FIREGUARD IS USED IN THE PRESENCE OF YOUNG CHILDREN, THE ELDERLY OR INFIRM.

This product contains a Non-Combustible glass panel. This panel should be checked during Installation and at each servicing interval. If any damage is observed on the front face of the glass panel (scratches, scores, cracks or other surface defects), the glass panel must be replaced and the appliance must not be used until a replacement is installed. Under no circumstances should the appliance be used if any damage is observed, the glass panel is removed or broken.

DO NOT DISCARD: These Instructions must be left with the appliance for future reference and for consultation when servicing the appliance. Please make the customer aware of the correct operation of the appliance before leaving these instructions with them.

The commissioning sheet found on Page 3 of this Instruction manual must be completed by the Installer prior to leaving the premises.

Contents

Studio Balanced Flue

Covering the following models:

GAS TYPE	STUDIO 1	STUDIO 2	STUDIO 3
Natural Gas	123-024NZ	123-030NZ	123-043NZ
LPG	123-629NZ	123-653NZ	123-666NZ

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WARRANTY

For the length, terms and conditions of the product warranty available in your region please consult your Gazco retailer.



DO NOT OPERATE THIS APPLIANCE BEFORE READING THE INSTRUCTION BOOKLET.
DO NOT PLACE ARTICLES ON OR AGAINST THIS APPLIANCE.
DO NOT USE OR STORE FLAMMABLE MATERIALS NEAR THIS APPLIANCE.
DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION.
DO NOT OPERATE WITH PANELS, COVERS OR GUARDS REMOVED FROM THE APPLIANCE.
DO NOT MODIFY THIS APPLIANCE.

Appliance Commissioning Checklist

To assist us in any warranty claim please complete the following information:-

IMPORTANT NOTICE

Explain the operation of the appliance to the end user, hand the completed instructions to them for safe keeping, as the information will be required when making any guaranteed claims.

FLUE CHECK	PASS	FAIL
1. Flue is correct for appliance		
GAS CHECK		
1. Gas soundness test		
2. Standing gas Inlet pressure	kPa	kPa
3. Appliance working Inlet pressure (on High Setting) NB All other gas appliances must be operating on full	kPa	kPa

RETAILER AND INSTALLER INFORMATION

Retailer

.....

.....

Contact No.....

Date of Purchase

Model No.

Serial No.....

Gas Type

Installation Company.....

.....

.....

Engineer.....

Contact No.....

Installer Reg No.

Date of Installation



END USER: Please keep this information safe for future reference.

Installation Instructions

1. General

- 1.1 Installation and servicing must only be carried out by an authorised person.
- 1.2 In all correspondence, please quote the appliance type and serial number, which can be found on the data badge located on a plate under the Main Burner, see Diagram 1.
- 1.3 **Do not** place curtains above the appliance:
You must have 300mm (1') clearance between the appliance and any curtains at either side.
- 1.4 No furnishings or other objects should be placed within 1 metre of the front of the appliance.
- 1.5 If a shelf is fitted, a distance of 400mm above the appliance is required.
- 1.6 If any cracks appear in the glass panel do not use the appliance until the panel has been replaced.
- 1.7 Do not obstruct the flue terminal in any way, i.e. by planting flowers, trees, shrubs etc. in the near vicinity, or by leaning objects against the terminal guard.
- 1.8 Do not put any objects on the terminal guard; it will lose its shape.
- 1.9 If you use a garden sprinkler, do not let quantities of water into the flue terminal.
- 1.10 This product is guaranteed from the date of installation, as set out in the terms and conditions of sale between Gazco and your local Gazco retailer. Please consult with your local Gazco retailer if you have any questions. In all correspondence always quote the Model Number and Serial Number.

1

Gazco Studio 3 (NZ)

Gas Type : Natural Gas

Test Point Pressure : 2.0kPa

Gas Input Rate : 36.4 MJ/h

Max. Supply Pressure : 6.0kPa

Design Standard : EN613:2001

MODEL N°	NO. DE MODELO	MODÈLE NO.	MODEL No.	123-024
SERIE N°	NO. DE SERIE	SÉRIE NO.	SERIAL No.	123-02410035
PR-N°	N°	NO. TP	PIN No.	0063CR3496
CAT. DE L'APPAREIL	CAT. DE L'APPAREIL	CAT. DE L'APPAREIL	CAT. DE L'APPAREIL	C11 / C31
CLASS. DE REND. MIN.	CLASS. DE REND. MIN.	CLASS. DE REND. MIN.	CLASS. DE REND. MIN.	II
GAS TYPE	TIPO DE GAS	TYPE DE GAZ	GAS TYPE	NG
GAS CATEGORY	CATEG. DE GAS	CATÉG. DE GAZ	GAS CATEGORY	I2H
GAS PRESSURE	PRESSION DE GAS	PRESSION DE GAZ	GAS PRESSURE	20 mb
ENERGY INPUT	CONSOM. ENERG.	CHÂL. D'ÉNERG.	HEAT INPUT	6.3 kW
COUNTRY OF ORIGIN	PAIS DE DESTIN.	PAÏS DE DESTIN.	COUNTRY OF ORIGIN	GB/IE

Data Badge Example:
Individual details may vary.

i **IMPORTANT: NEVER position a television or screen above this appliance.**

2. Installation Checklist

1. **Siting the Appliance**
 - i) Room Location - see Appliance Location
 - ii) Clearances to Combustibles - see Studwork Installation
 - iii) Vent requirements - see Ventilation section
 - iv) Framing & Finishing - see Installation section on frames
2. **Assemble the Studwork**

See Studwork installation section for details
3. **Locate the appliance in the Studwork**
4. **Make Gas Connections**
5. **Test the pilot**
6. **Test the Gas Pressure**
7. **Install standard and optional features**
 - i) Mains Adapter
 - ii) Lining Panels
 - iii) Log effect
 - iv) Appliance Door
8. **Commission the appliance**

See Commissioning section for details

Installation Instructions

Technical Specification

PACKING CHECKLIST

Qty Description	Fixing Kit containing:
Stone & Pebble Effect Version	1 x Instruction Manual
1 x White Stone Chippings	6 x Wood Screws
1 x Pebble Set	6 x Wall Plugs
	1 x Handset
Log Version	4 x AA cell batteries
1 x Log Set	1 x 9v cell batteries
1 x Lava Rock	1 x Wall box
1 x Slate	1 x Wall plate
	1 x Battery holder
Driftwood Log Version	1 x Foam seal
1 x Driftwood Log Set	1 x Quick Start Guide
1 x Lava Rock	1 x Door Tool
1 x Slate	2 x Wall Plate Screw
	1 x Bag Embaglow material
	1 x 8mm to 1/2" BSPT adapter
	1 x 8mm pipe

2

TO BE INSTALLED ONLY BY AN AUTHORISED PERSON
TO BE INSTALLED ON A NON-COMBUSTABLE FLOOR



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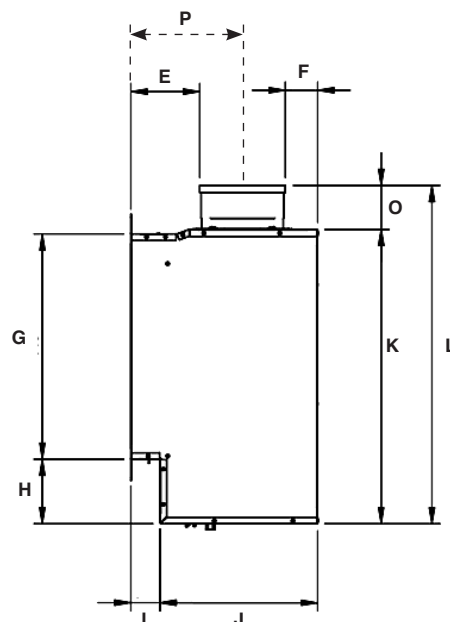
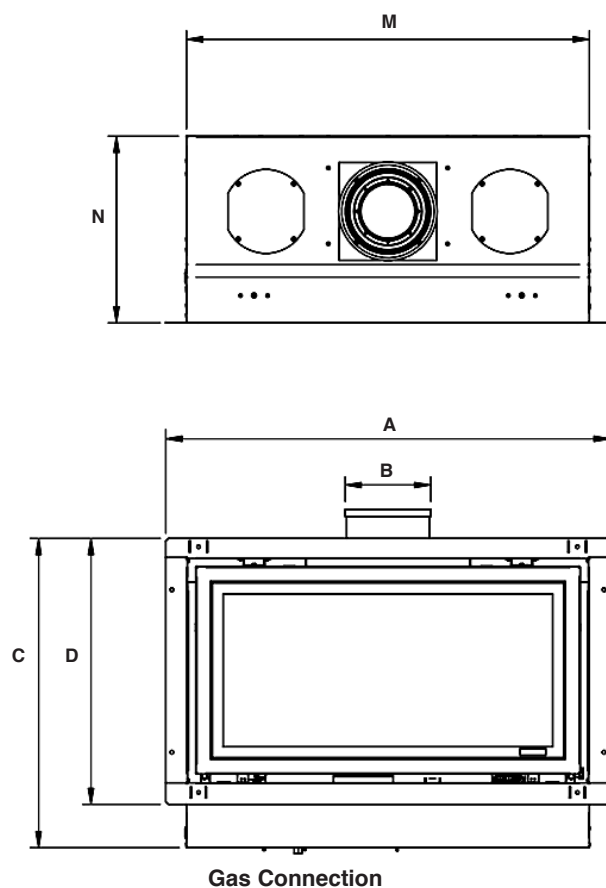
DO NOT OPERATE THIS APPLIANCE BEFORE READING THE INSTRUCTION BOOKLET

DO NOT PLACE ARTICLES ON OR AGAINST THIS APPLIANCE.

DO NOT STORE CHEMICALS OR FLAMMABLE MATERIALS, OR SPRAY AEROSOLS NEAR THIS APPLIANCE.

DO NOT OPERATE WITH PANELS, COVERS OR GUARDS REMOVED FROM THIS APPLIANCE.

3



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Studio 1	820	158	571	491	127	60	416	119	54	291	543	624	745	345	81	206
Studio 2	1020	158	571	491	127	60	416	119	54	291	543	624	945	345	81	206
Studio 3	1410	158	571	491	127	60	416	119	54	291	543	624	1335	345	81	206

Installation Instructions

Technical Specification

Covering the following models:

GAS TYPE	STUDIO 1	STUDIO 2	STUDIO 3
Natural Gas	123-024NZ	123-030NZ	123-043NZ
LPG	123-629NZ	123-653NZ	123-666NZ

All Models

Model	Gas CAT.	Gas Type	Working Pressure	Aeration	Injector	Gas Rate m ³ /h	Input kW (Gross)		Country	
							High	Low		
Studio 1	I2H	Natural Gas(G20)	20mbar	8mm x 15mm (L)	400	0.600	6.3	4.0	NZ	
	I3B/P	LPG Propane (G31)	29mbar	6mm x 15mm (B) + 16mm x 23mm	185	0.237	6.3	4.0		
		LPG Butane (G30)								
Studio 2	I2H	Natural Gas(G20)	20mbar	12mm x 15mm (H)	600	0.810	8.5	4.4		
	I3B/P	LPG Propane (G31)	29mbar	14mm x 15mm (E) + 16mm x 23mm	150	0.301	8.0	4.4		
		LPG Butane (G30)								
Studio 3	I2H	Natural Gas (G20)	20mbar	(6mm x 8mm (N)) x 2	184	0.962	10.1	5.2		
	I3B/P	LPG Propane (G31)	29mbar	(16mm x 23mm + 16mm x 23mm) x 2	125	0.395	10.5	5.1		
		LPG Butane (G30)								
Efficiency Class 2 - 81% / NO _x Class 4										
Flue Outlet Size Ø 100mm										
Flue Inlet Size Ø 150mm										
Gas Inlet Connection Size Ø 8mm or 1/2" BSPT with adapter										

SPECIFIC INFORMATION FOR NEW ZEALAND (ALL MODELS)						
STUDIO	1	2	3	1	2	3
Gas Type	Natural Gas			General Product LPG (Propane, Butane or mixture)		
Test Point Pressure	2kPa			2.75kPa		
Gas Input Rate	22.7 MJ/h	30.6 MJ/h	36.4 MJ/h	22.7 MJ/h	28.8 MJ/h	37.8 MJ/h
Max Supply Pressure	6kPa with external regulator			3.5kPa		
Design Standard	EN 613 : 2001					
Installation	This appliance must be installed in accordance with AS/NZS 5601:2013, the National Standard covering the Installation of gas appliances.					

Installation Instructions

Technical Specification

RESTRICTOR REQUIREMENT				
VERTICAL & HORIZONTAL FLUE			TOP EXIT - VERTICAL ONLY INCLUDING OFFSET	
STUDIO 1 BF			STUDIO 1 BF	
Vertical Flue Height	Horizontal Length	Restrictor Size	Vertical Flue Height	Restrictor Size
200mm - 499mm	Up to 500mm	N/A	2000mm - 4999mm	52mm
500mm - 999mm	Up to 1000mm	N/A	5000mm - 10,000mm	47mm
1000mm - 1499mm	Up to 1000mm	70mm		
1500mm - 1999mm	Up to 5000mm	70mm		
2000mm - 3000mm	Up to 5000mm	60mm		
STUDIO 2 BF			STUDIO 2 BF	
700mm - 1499mm	Up to 1000mm	N/A	2000mm - 4999mm	60mm
1500mm - 1999mm	Up to 5000mm	N/A	5000mm - 10,000mm	52mm
2000mm - 3000mm	Up to 5000mm	75mm		
STUDIO 3 BF			STUDIO 3 BF	
1000mm - 1499mm	Up to 500mm	N/A	2000mm - 4999mm	70mm
1500mm - 2499mm	Up to 1000mm	N/A	5000mm - 10,000mm	60mm
2500mm - 3000mm	Up to 5000mm	N/A		

Installation Instructions

Technical Specification

Steel Fronts

Model	A	B	C	D	E
Studio 1	1264	528	646	320	27
Studio 2	1500	528	846	320	27
Studio 3	1990	528	1236	320	27

Glass Fronts

Model	A	B	C	D	E
Studio 1	1264	528	650	324	29
Studio 2	1500	528	852	324	29
Studio 3	1990	528	1240	324	29

Verve Fronts

Model	A	B	C	D	E
Studio 1	1264	528	650	324	53
Studio 2	1500	528	850	324	53
Studio 3	1990	528	1240	324	53

Profil Fronts

Model	A	B	C	D	E
Studio 1	836	510	740	414	12.5
Studio 2	1036	510	940	414	12.5
Studio 3	1426	510	1330	414	12.5

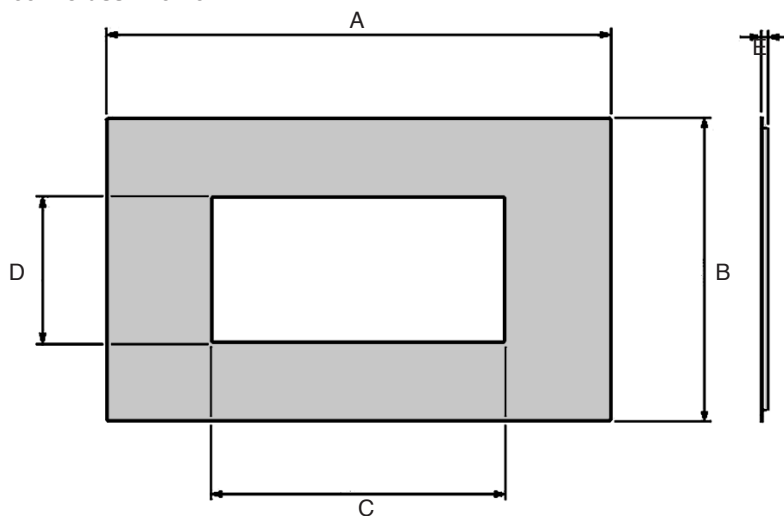
Bauhaus Fronts

Model	A	B	C	D	E
Studio 1	850	524	740	414	28
Studio 2	1050	524	940	414	28
Studio 3	1440	524	1330	414	28

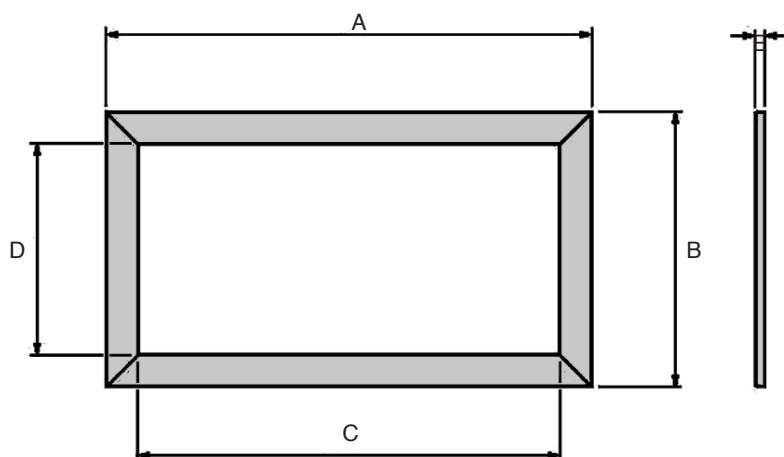
Expression Frame

Model	A	B	C	D	E
Studio 1	940	614	740	414	40
Studio 2	1140	614	940	414	40
Studio 3	1530	614	1330	414	40

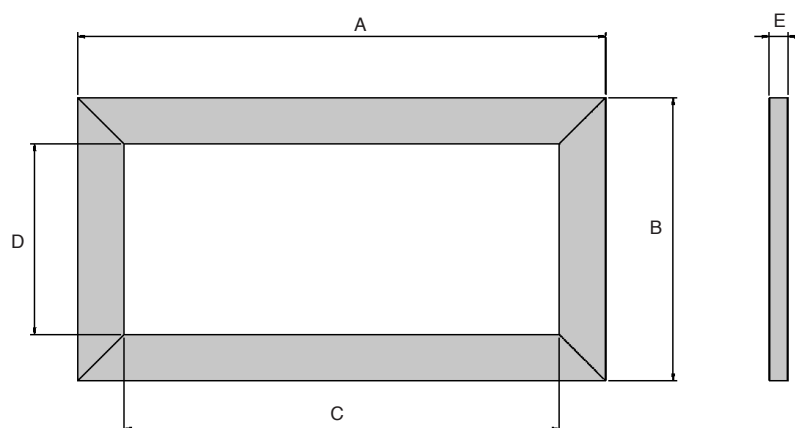
Steel / Glass / Verve



Profil/ Bauhaus



Expression



i Gas installation of this appliance must be in accordance with AS/NZS 5601.1-2013

Installation Instructions

Site Requirements

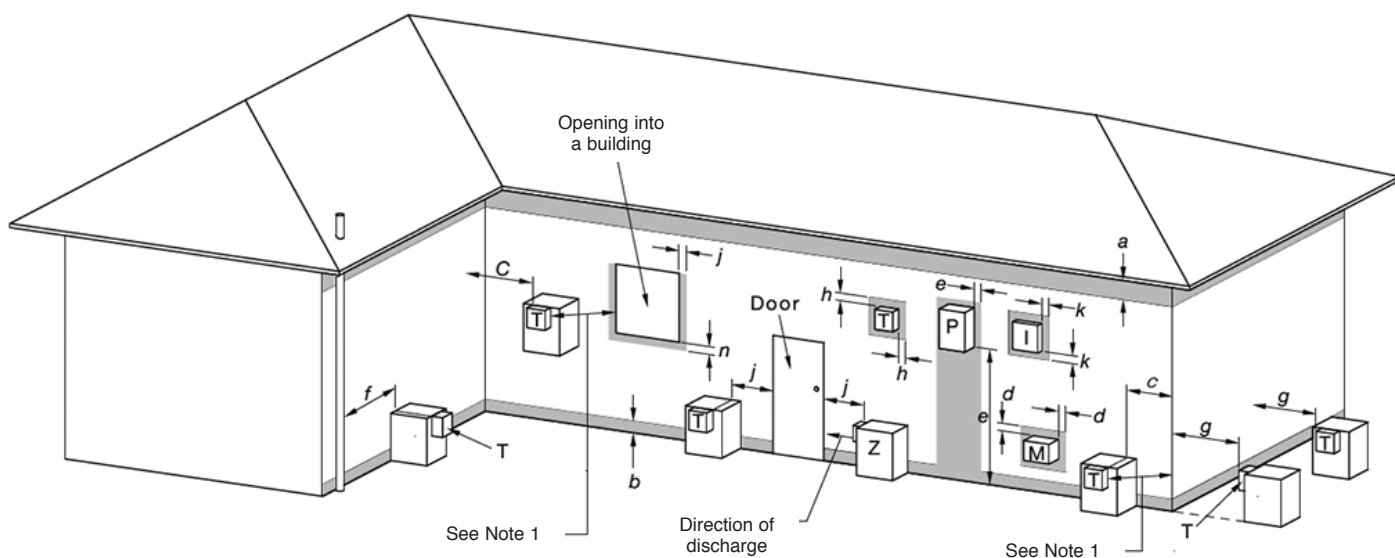
1. Flue & Chimney Requirements

Note: This appliance must only be installed with the flue supplied.

- 1.1 You must adhere to the following:
The flue must be sited in accordance with the rules in force and comply with all local and National regulations, see Diagram 1.
- 1.2 Fit a guard to protect people from any terminal less than 2 metres above any access such as level ground, a balcony or above a flat roof.
- 1.3 All vertical and horizontal flues must be securely fixed and fire precautions followed in accordance with local and national codes of practice.
- 1.4 A restrictor may be required, see Technical Specifications on Page 6 & 7.

- 1.5 Two types of flue terminals are available, horizontal and vertical.
- 1.6 To measure for a horizontal terminal decide on the terminal position.
- 1.7 Measure the height from the top of the appliance to the centre of the required outlet.
- 1.8 For minimum and maximum flue dimensions, see Diagrams 2A.
- 1.9 Allow enough room either above or to the side of the appliance to assemble the flue on top.
- 1.10 Assemble a horizontal flue in the following order:
 - Vertical section
 - 90° elbow
 - Horizontal plus terminal
- 1.11 Support the opening of a masonry installation with a lintel.
- 1.12 Only the horizontal terminal section can be reduced in size.

1



I = Mechanical air inlet

M = Gas Meter

P = Electricity meter or fuse box

T = Flue Terminal

Z = Fan-assisted appliance only

Shading indicates prohibited area for flue terminals

Installation Instructions

Site Requirements

Minimum clearances required for the flue terminals showing in Diagram 1 on page 9.

Ref	Item	Minimum clearances (mm)
		Natural Draught
a	Below eaves, balconies and other projections: Gas appliances up to 50 MJ/h	300
b	From the ground, above a balcony or other surface	300
c	From a return wall or external corner	500
d	From a gas meter (M)	1000
e	From an electricity meter or fuse box (P) [†]	500
f	From a drain pipe or soil pipe	150
g	Horizontally from any building structure or obstruction facing a terminal	500
h	From any other flue terminal, cowl, or combustion air intake	500
j	Horizontally from an openable window, door, non-mechanical air inlet, or any other opening into a building with the exception of sub-floor ventilation: Gas appliances up to 150 MJ/h input	500
k	From a mechanical air inlet, including a spa blower	1500
n	Vertically below a openable window, non-mechanical air inlet or any other opening into a building with the exception of sub-floor ventilation: Space heaters up to 50 MJ/h input	150

[†] Prohibited area below electricity meter or fuse box extends to ground level,

NOTE:

- (1) Where dimensions c, j or k cannot be achieved an equivalent horizontal distance measured diagonally from the nearest discharge point of the terminal to the opening may be deemed by the Technical Regulator to comply.

Flue Clearances

Minimum Flue Clearances to Combustibles

To the sides and undersides: 25mm

Above the flue: 75mm

Installation Instructions

Site Requirements

2. Flue Options

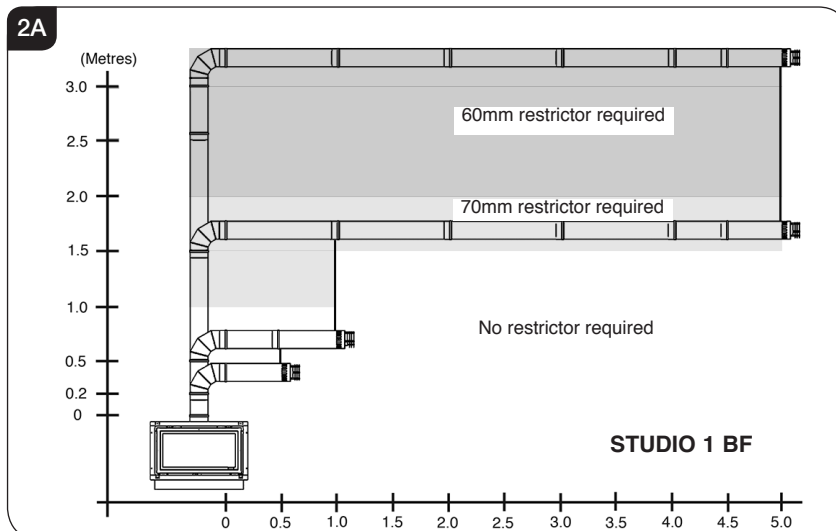
2A. Top Flue Up and Out Kit

2.1 The basic kit comprises:

STUDIO 1 BF (8534)

- 1 x 200mm vertical length
- 1 x 500mm terminal length (cut to length on site)
- 1 x 90° elbow
- 1 x wall plate
- 1 x 70mm restrictor
- 1 x 60mm restrictor

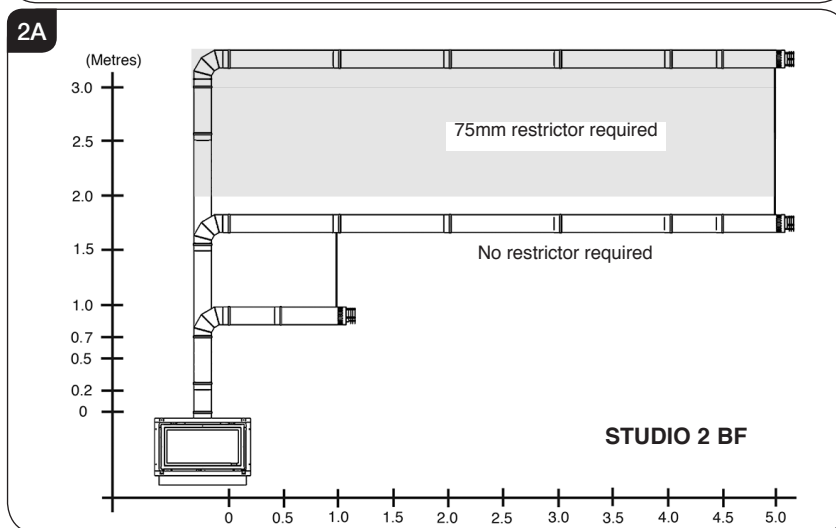
Start of bend to centre line of horizontal flue 170mm. Centre line of vertical flue to end of bend 220mm. Vertical from the top of the appliance then horizontally out, see Diagram 2A.



STUDIO 2 BF (8509)

- 1 x 200mm vertical length
- 1 x 500mm vertical length
- 1 x 500mm terminal length (cut to length on site)
- 1 x 90° elbow
- 1 x wall plate
- 1 x 75mm restrictor

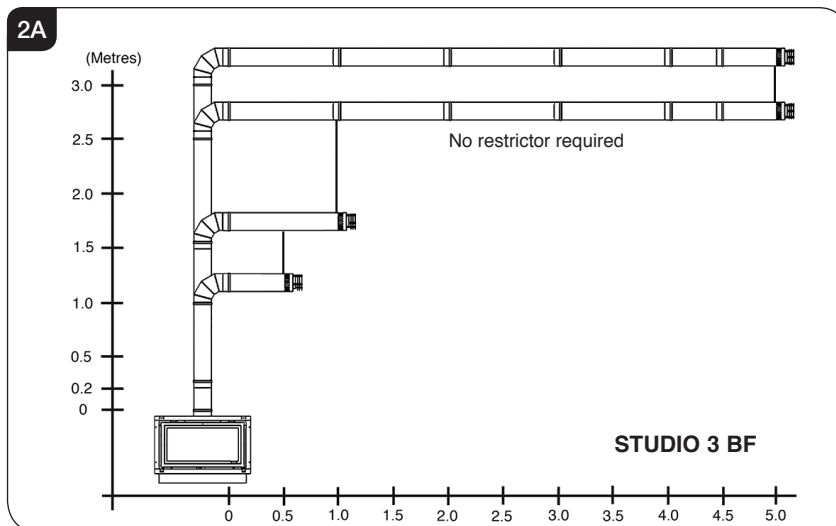
The kit may be used on its own. (Note – STUDIO 1 BF with a 200mm rise only the 500mm terminal length can be used). Extra lengths may be added to the vertical and horizontal from the table, see Section over page.



STUDIO 3 BF (8567)

- 1 x 1000mm vertical length
- 1 x 500mm terminal length (cut to length on site)
- 1 x 90° elbow
- 1 x wall plate

The kit may be used on its own. (Note – STUDIO 1 BF with a 200mm rise only the 500mm terminal length can be used). Extra lengths may be added to the vertical and horizontal from the table, see Section over page.



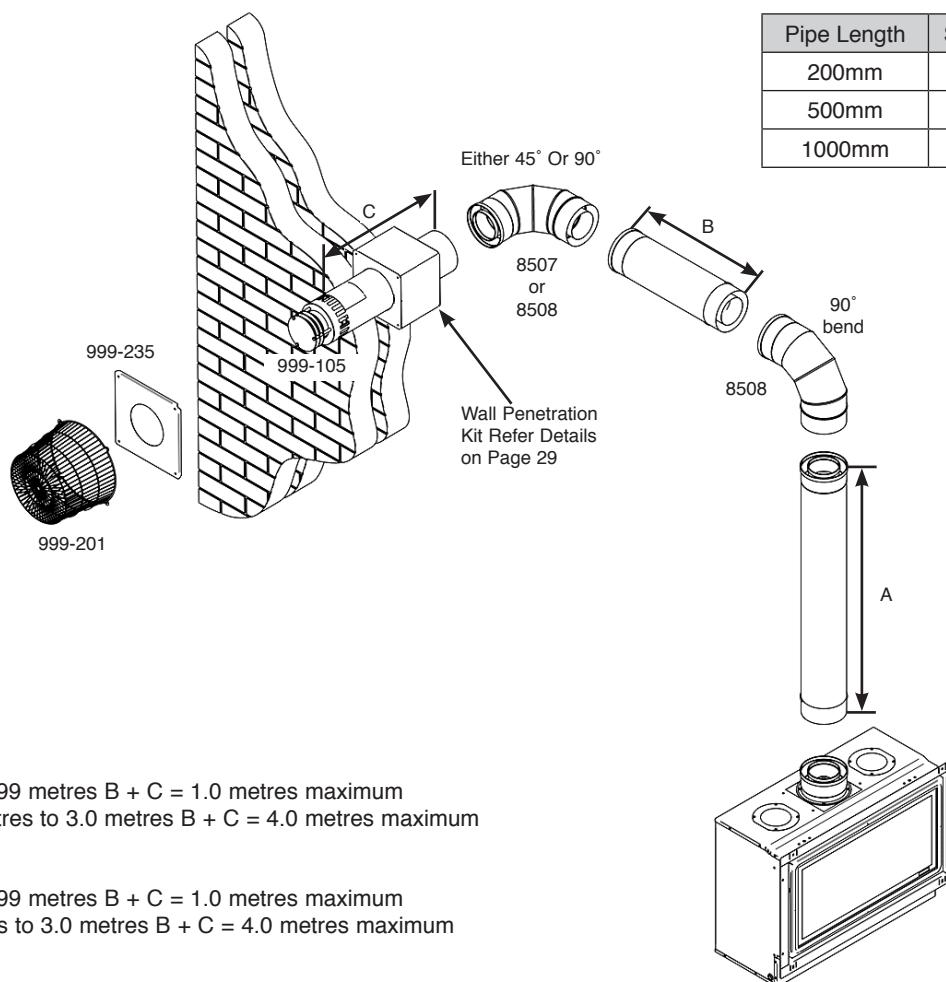
Installation Instructions

Site Requirements

2B. Top Flue Up and Out with Additional Bend

- 2.2 An additional bend may be used on the horizontal section (either 45° or 90°), but the overall horizontal flue run will be reduced, see Diagram 2B.

2B



Optional Extra Flue Lengths and Bends

All flue components are 150mm diameter (6")

NOMINAL LENGTH	ACTUAL LENGTH	STAINLESS FINISH
200mm	140mm	8527
500mm	440mm	8528
1000mm	940mm	8529
40° Bend	N/A	8507
90° Bend	N/A	8508

NOTE - Carefully consider:

- a) Terminal positions
- b) Flue supports
- c) Weatherproofing
- d) Fire precautions

For all the above options, you must conform to local and national codes of practice.



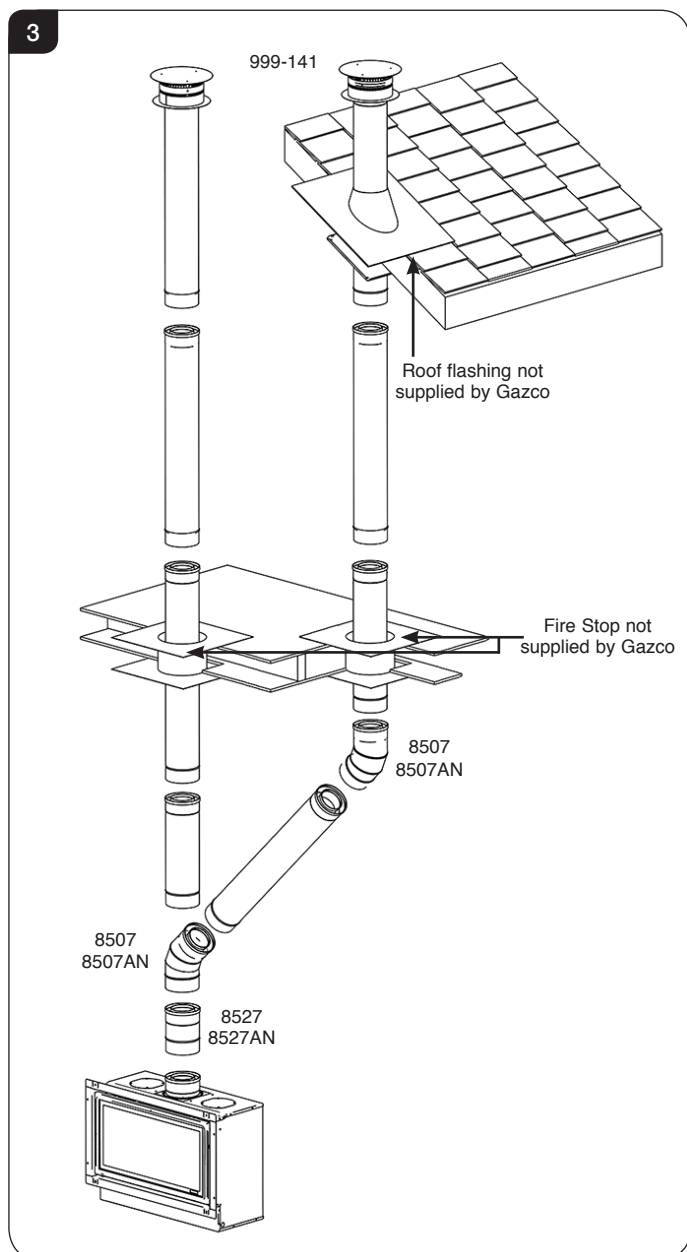
**IMPORTANT:
1M VERTICAL, TERMINAL AND STRAIGHT FLUE
LENGTHS MUST NOT BE CUT!**

Installation Instructions

Site Requirements

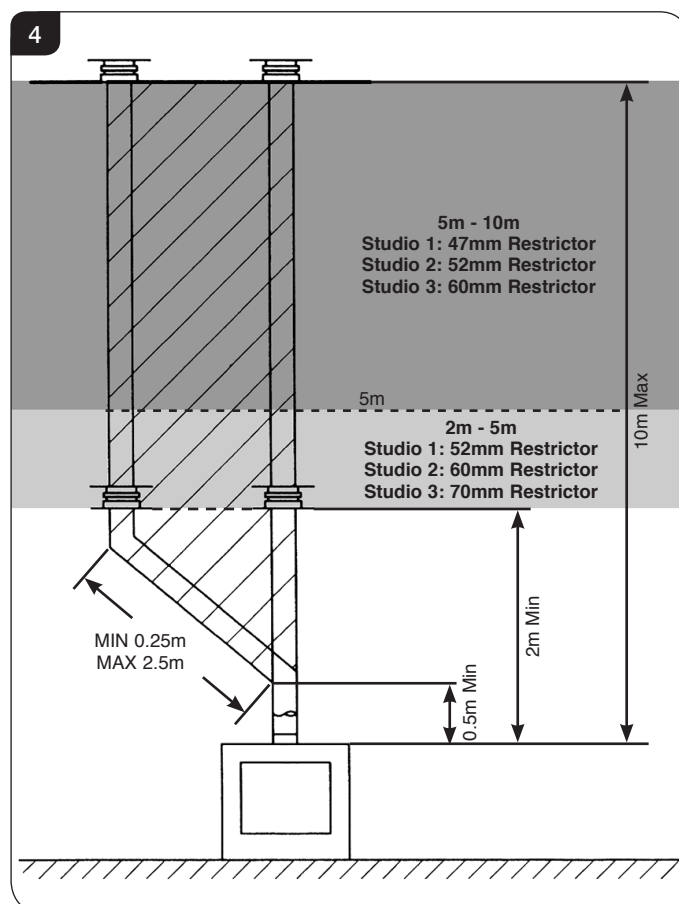
2C. Top Flue Vertical Kit (8524)

- 2.3 Vertical from the top of the appliance, see Diagram 3. A minimum vertical rise 2m (6'5") to a maximum 10m (32'10"). The basic kit comprises:
- 2 x 1m lengths
 - 1 x 1m terminal length
 - 1 x 52mm restrictor
 - 1 x 47mm restrictor
 - 1 x 60mm restrictor
 - 1 x 70mm restrictor
- Extra lengths may be added from the table, see Page 12.



2D. Top Flue Vertical Offset Kit (8530)

- 2.4 Used with kit 8524. A minimum rise of 500mm (19½") is required to the first bend, see Diagram 4.



Pipe Length	Stainless Steel Finish
200mm	8527
500mm	8528
1000mm	8529

i This Gazco balanced flue system is designed to run internally with only the terminal projecting from the building.

i **Note:** Vertical Terminations can only use a maximum of 2 x 45° bends where offsets are required. DO NOT use 90° bends.

Installation Instructions

Site Requirements

3. Gas Supply

IMPORTANT: ALL NATURAL GAS FIRE INSTALLATIONS IN NEW ZEALAND MUST HAVE A REGULATOR FITTED UPSTREAM FROM THE APPLIANCE. THE REGULATOR MUST BE FITTED IN A SUITABLE LOCATION FOR SERVICING.

- 3.1 Before installation, ensure that the local distribution conditions (identification of the type of gas and pressure) and the adjustment of the appliance are compatible.
- 3.2 Ensure the gas supply delivers the required amount of gas and is in accordance with the rules in force and specifications.
- 3.3 Soft copper tubing can be used on the installation and soft soldered joints outside the appliance and below the firebed.
- 3.4 A factory fitted isolation device is part of the inlet connection; no further isolation device is required.
- 3.5 All supply gas pipes must be purged of any debris that may have entered prior to connection to the appliance.
- 3.6 The gas supply enters through the silicone panel located on the LEFT-HAND side of the outer box. Slit with a sharp knife before passing the supply pipe through.
- 3.7 The gas supply must be installed in a way that does not restrict the removal of the appliance for servicing and inspection.

4. Ventilation

- 4.1 This appliance has its own dedicated air supply through the flue system and requires no additional ventilation. The cavity housing the appliance must be ventilated to prevent a build up of heat. Refer to Section 7.4 (Page 15) for details.

5. Appliance Location

- 5.1 Please note this appliance has been primarily designed for studwork applications. However, there are circumstances where one of the kits could be used on a block or brickwork fireplace using different methods and materials for the final effect.

The three methods of studwork installation are:

- 1. **Decorative Frame** - Timber framing details for the Studio with a selected Decorative Frame.
- 2. **Edge** - Framing details for the Studio with additional Studio Edge kit (without frame).
- 3. **Cool Wall** - Framing details for the Studio with the additional Studio Cool Wall kit with Edge Plus Frame finish.

- 5.2 This appliance must stand on a Non-Combustible platform that is at least 12mm thick.

6. List of Approved Material for Studwork installation

The following is a list of approved Non-Combustible Material, tested to AS1530.1 or AS/NZS1530.3, and classed as Fire Resistant by for use in the construction lining of a studwork frame out:

9mm Villaboard (Restricted use only for internal frame out linings and for Cool Wall kits as shown elsewhere)
9mm Promina Board
12mm - 20mm Promatect H

It is essential to maintain the correct distances to Combustible material when constructing a studwork frame out.

Installation Instructions

7. Clearances

7.1 DISTANCE TO COMBUSTIBLE MATERIAL
COMBUSTIBLE PARTS OF THE STUDWORK MUST BE KEPT BEYOND THE MINIMUM DIMENSIONS SHOWN IN DIAGRAM 5. EVEN IF THE FRAMEWORK IS PROTECTED BY NON-COMBUSTIBLE MATERIAL, THESE DIMENSIONS MUST BE MAINTAINED, SEE DIAGRAM 5.

7.2 DISTANCE TO NON-COMBUSTIBLE OR COMBUSTIBLE MATERIAL ON STUDIO 3 ONLY
TO CREATE ENOUGH CLEARANCE FOR THE TOP VENTS TO OPEN ON THE STUDIO 3 IT IS IMPORTANT THAT NO PART OF THE STUDWORK, (COMBUSTIBLE OR NOT) IS BUILT WITHIN 400MM OF THE TOP OF THE BOX.

7.3 ALL MODELS
DO NOT PACK THE VOID AROUND OR ABOVE THE APPLIANCE WITH INSULATION MATERIALS SUCH AS MINERAL WOOL.

7.4 THE VOID BUILT FOR THE CASSETTE MUST BE VENTILATED TO PREVENT A BUILD-UP OF HEAT. IF THE VOID IS SEALED, THEN YOU MUST FIT VENTS AT BOTH LOW AND HIGH LEVELS - SEE INDIVIDUAL INSTALLATION REQUIREMENTS. THESE VENTS MUST TAKE COLD AIR FROM THE ROOM AND RETURN WARM AIR BACK INTO THE ROOM.

7.5 AN ACCESS HATCH MUST BE LEFT IN THE SIDE OF THE CHIMNEY BREAST FOR FUTURE SERVICING AND INSPECTION OF THE FLUE AND APPLIANCE.

7.6 A combustible shelf must be:

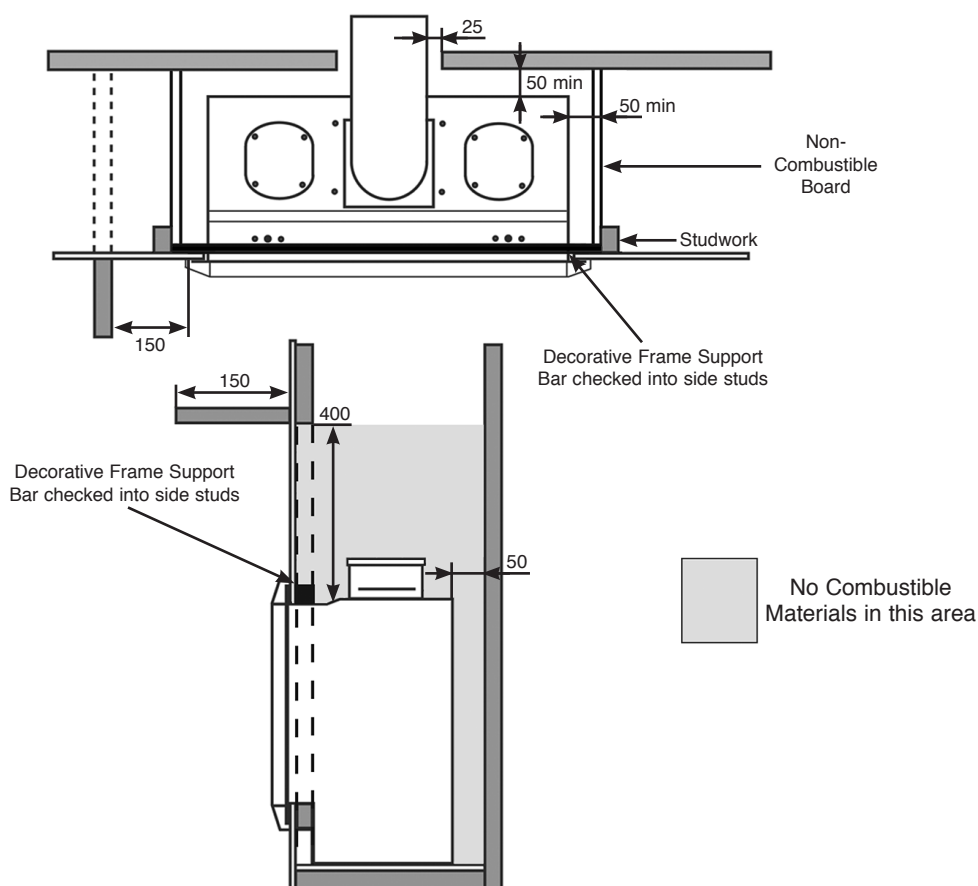
- Maximum 150mm in depth from the front of the appliance.
- Minimum 400mm high above the appliance.

A combustible side wall must be a minimum of 150mm from the appliance.

7.7 This appliance can be installed with an up and out flue (vertical wall - horizontal flue) or with a vertical flue with roof termination, see Site Requirements, Section 2, Flue Options.

7.8 This appliance is not suitable for installation onto a combustible wall. Remove all combustible material from the area shown, see Diagram 5.

5



Installation Instructions

1. Safety Precautions

- 1.1 For your own and other's safety, you must install this appliance according to local and national codes of practice. Failure to install the appliance correctly could lead to prosecution. **Read these instructions before installing and using this appliance.**
- 1.2 These instructions must be left intact with the user.
- 1.3 Do not attempt to burn rubbish on this appliance.
- 1.4 Keep all plastic bags away from young children.
- 1.5 Do not place any object on or near to the appliance and allow adequate clearance above the appliance.

IF THE APPLIANCE IS EXTINGUISHED OR GOES OUT IN USE, WAIT 3 MINUTES BEFORE ATTEMPTING TO RELIGHT THE APPLIANCE.



IMPORTANT: REFER TO DATA BADGE AND TECHNICAL SPECIFICATION AT THE FRONT OF THE MANUAL TO ENSURE THE APPLIANCE IS CORRECTLY ADJUSTED FOR THE GAS TYPE AND CATEGORY APPLICABLE IN THE COUNTRY OF USE, SEE PAGES 6 & 7.

FOR DETAILS OF CHANGING BETWEEN GAS TYPES REFER TO SERVICING INSTRUCTIONS, SECTION 19, REPLACING PARTS.

Unpacking

- 1.6 Remove the appliance from its packaging, and check that it is complete and undamaged.

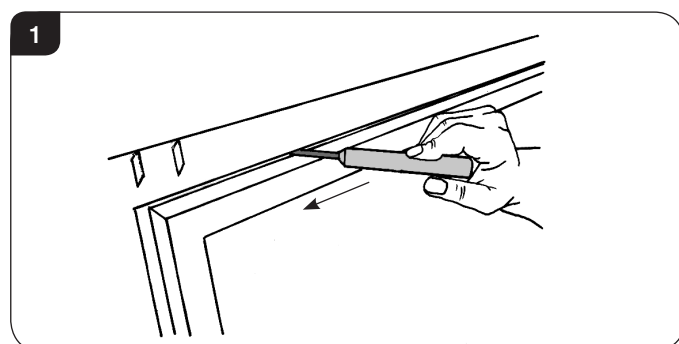
Put the loose parts to one side so that they are not damaged during installation.

2. Installation of the Appliance

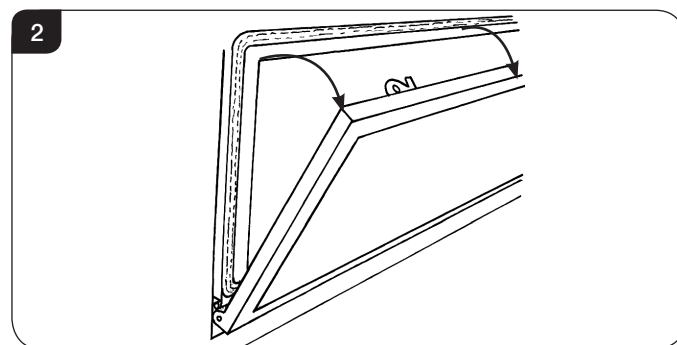


THERE IS AN OPTIONAL WARM AIR DUCTING KIT, CODE No. 8572 WHICH CAN BE FITTED AT THE SAME TIME AS THE APPLIANCE INSTALLATION.

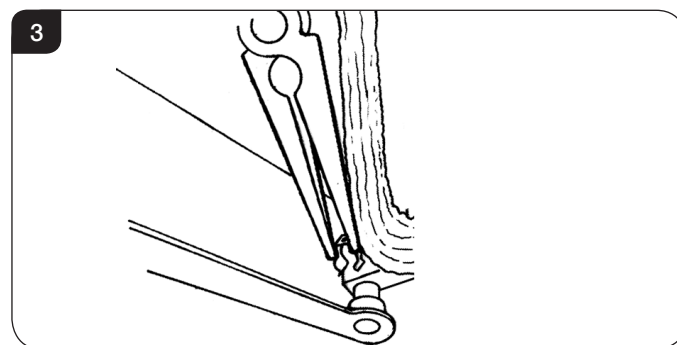
- 2.1 To open the glass door use the hexagon key provided.
- 2.2 Release the window locks by moving them from shut to open towards the outer edges, see Diagram 1.



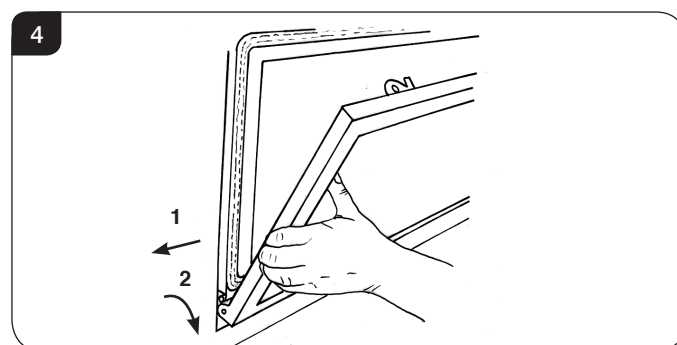
- 2.3 To completely remove the glass front:
- 2.4 Support the frame and lower it gently forward down to its natural stop position, see Diagram 2.
DO NOT EXERT PRESSURE ON THE DOOR ONCE THERE IS RESISTANCE.



- 2.5 Remove the securing spring clip from the bottom-right of the window frame, see Diagram 3.



- 2.6 With the window frame in an upright position slide the frame to the left so that it comes off the left hinge pin, see Diagram 4 (1).
- 2.7 Still keeping the frame upright drop the left side down and forward slightly, see Diagram 4 (2).



- 2.8 Slide the frame to the right so it comes off the right hinge pin. The window frame should now be free.
- 2.9 Refit the Window Frame Assembly in reverse order.

When closing the door ensure the door catches are fully engaged.



UNDER NO CIRCUMSTANCES SHOULD THE APPLIANCE BE USED WITHOUT THE CATCHES HOLDING THE DOOR IN PLACE.

Installation Instructions

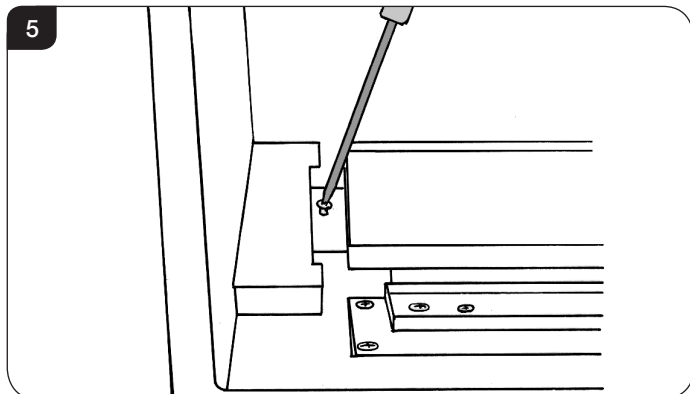
2.10 Remove the box from the appliance and store safely as it contains the remote control and fuel effects, etc.

2.11 Remove the main burner.

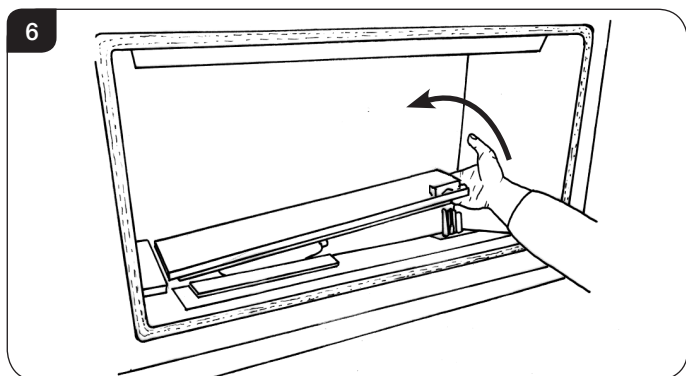
Removing the Main Burner

To remove the main burner:

2.12 Remove the burner securing screw from the left side of the burner, see Diagram 5.



2.13 Slide the burner fully to the left and lift the right side clear of the pilot, see Diagram 6.



2.14 Slide the burner to the right and out of its location.

2.15 The Access Panel can now be reached when the gas supply needs to be connected.

i THERE ARE THREE TYPES OF INSTALLATION INTO STUDWORK DESCRIBED IN THE FOLLOWING PAGES:

- 1) FOR STUDIO WITH A DECORATIVE FRAME, SEE SECTION 3.
- 2) FOR AN INSTALLATION WHERE THE STUDIO SITS FLUSH TO THE FINISHED 'EDGE' OF THE WALL, SEE SECTION 4.
- 3) FOR A FURTHER 'EDGE' INSTALLATION PROVIDING A COOL WALL ABOVE THE APPLIANCE TO ALLOW CUSTOMERS TO HANG PICTURES ETC. SEE SECTION 5.

Installation Instructions

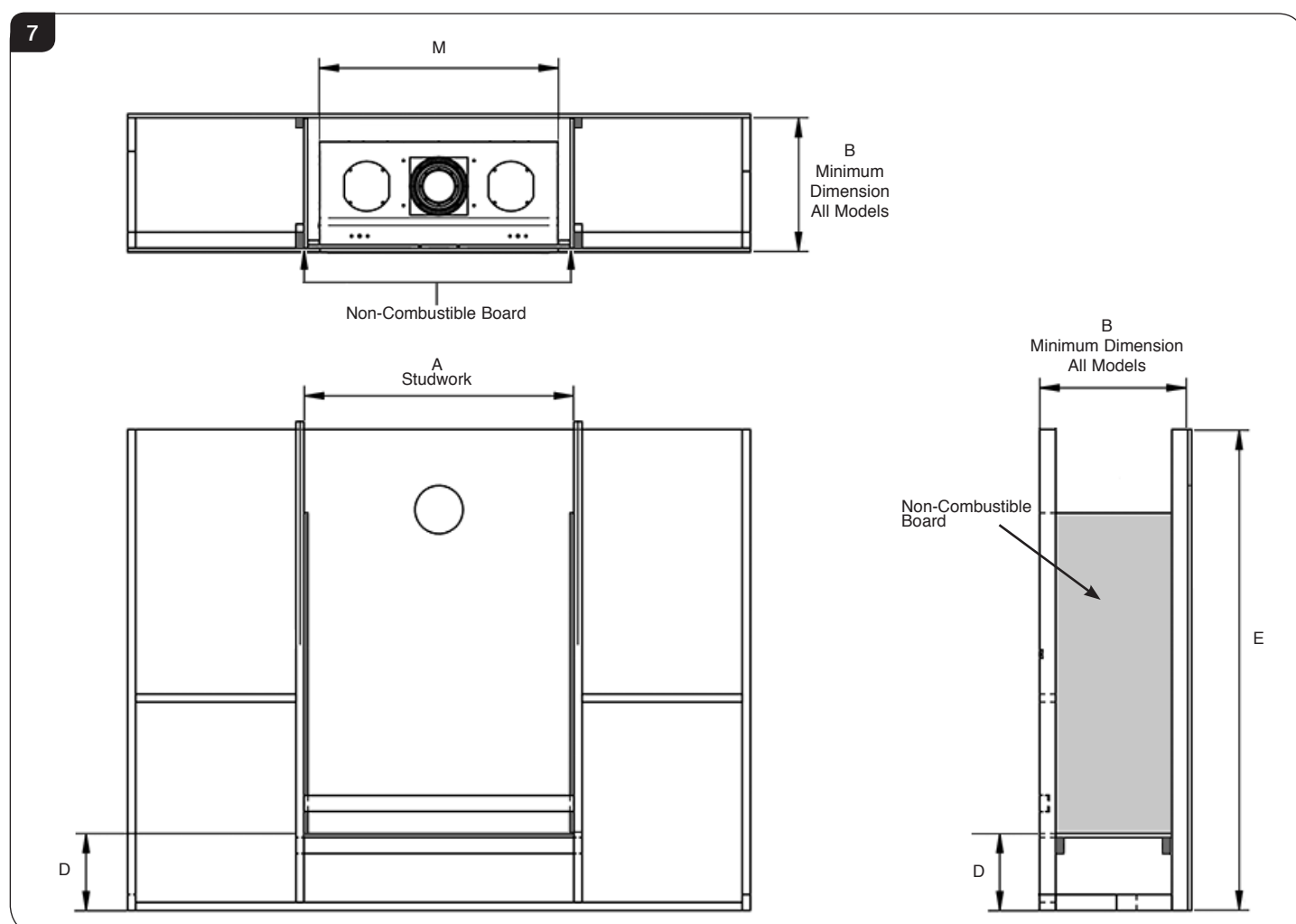
3. Studwork Installation for Studio with frames

3.1 BUILD THE STUDWORK CHIMNEY BREAST AND ENCLOSURES TO THE SPECIFICATIONS ON PAGE 18 & 19.

- The appliance can be installed in a timber frame out.
 - The following details are the absolute minimum required based on using 90 x 45 framing.
 - The following dimensions are based on wall finishing using Non-combustible board.
- If using tiles, stonework or similar provision must be made for the minimum clearances required.

Note:

These dimensions are for a studwork frame out used in conjunction with a decorative frame.
For Edge and Cool Wall dimension fitting requirements see Installation Sections 4 or 5.



Model	A	B	M	D	E
Studio 1	845	395	745	150	939
Studio 2	1045	395	945	150	939
Studio 3	1435	395	1335	150	939



This appliance is NOT suitable for installation into a combustible wall. Remove all combustible material from the area shown, see Diagram 5, Page 15.

No part of the stud work must be built within 400mm of the top and 50mm to the sides of the firebox.

If the fascia of the fireplace is to be constructed from natural materials (stone) it is recommended that this is laid in 3 or more sections along the top edge to prevent cracking. It is recommended for such finishes that an Edge kit be used to aid the alignment around the front face of the appliance.

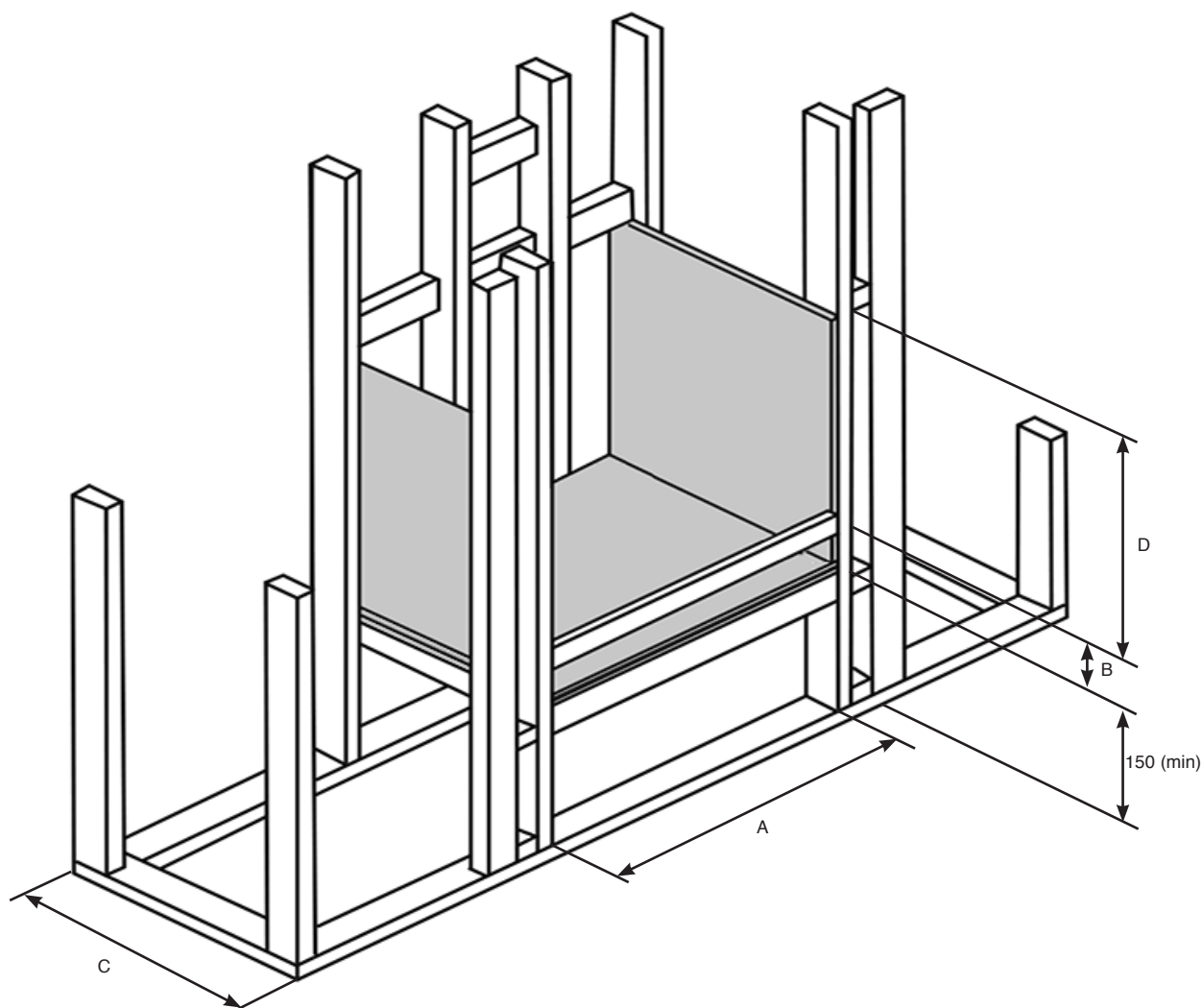
Installation Instructions

Studwork Installation for Studio with frames continued

IMPORTANT: The cavity into which the Studio is fitted must be ventilated to prevent a build up of heat. If the cavity is sealed then it will be necessary to fit vents of approximately 50cm² each at both low and high levels. These vents should take cold air from the room and return warm air back into the room.

- 3.2 Line the inside cavity for the unit with Non-combustible board as shown in Diagram 8.
IMPORTANT: Non-Combustible Board **MUST** be used (see Approved Materials list - Page 14) or board that meets AS1530.1 or ASNZS1530.3 definition for Non-Combustible Material.

8



Minimum Framing Trim Out Dimensions for Studio Frames

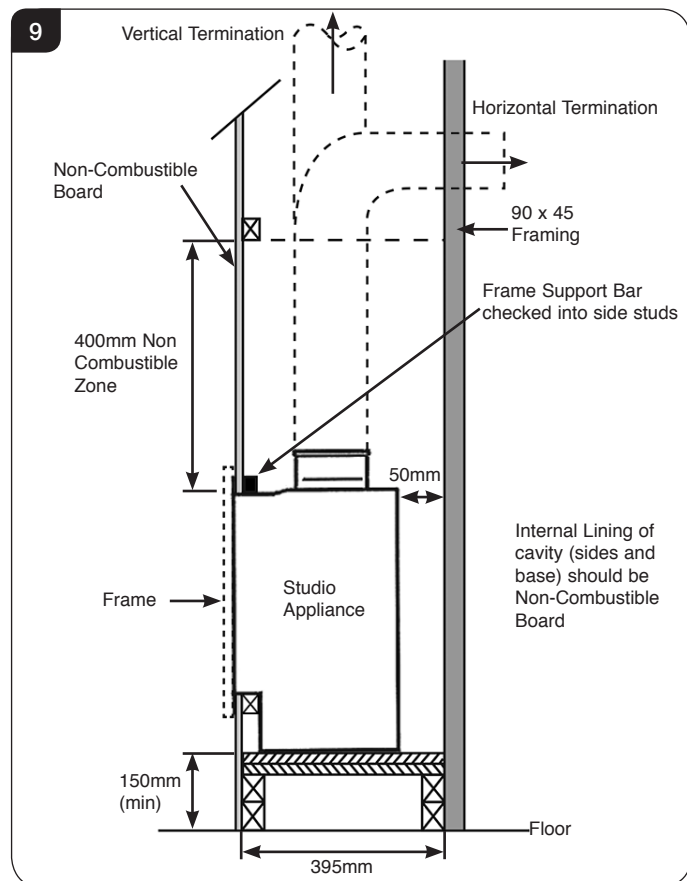
Model	A	B	C	D
Studio 1	845	119	395	820
Studio 2	1045	119	395	820
Studio 3	1435	119	395	820

IMPORTANT: This appliance must stand on a Non-Combustible floor platform that is at least 12mm thick. It is acceptable to use 2 x 9mm pieces of Non Combustible Board but dimension B must be measured from the top board as shown in Diagram 8.

Installation Instructions

3.3 Site the appliance and decide on flue requirements, see Diagram 9.

3.4 Cut a hole for the flue exit.

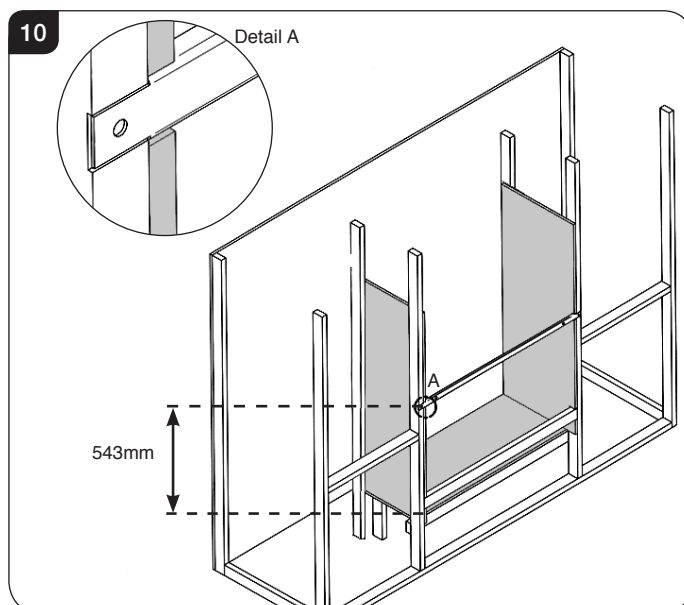


3.5 Provide gas and electric services into the cassette void on the left-hand side.

Because no combustible material can be used above the appliance, we provide a support bar:

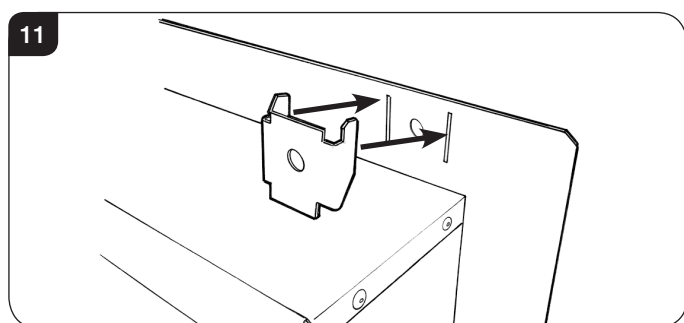
3.6 Mark out the position to fit the supplied top support bar into the studwork at a height of 543mm from the base level.

This bar needs to be recessed into the studwork, see Diagram 10.

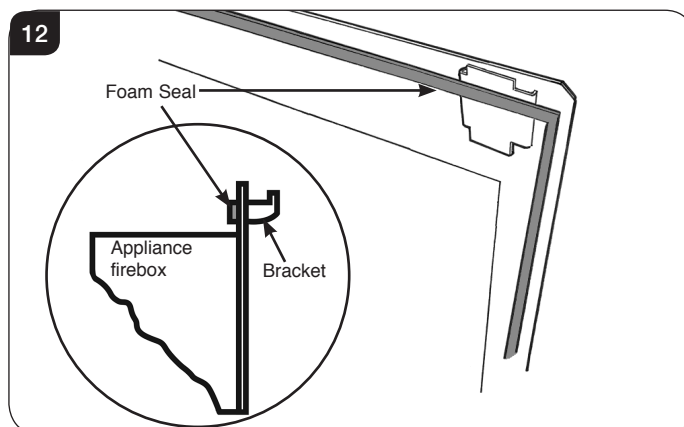


Before placing the appliance in the studwork:

3.7 Attach the 4 x frame fixing brackets to the appliance, see Diagram 11.



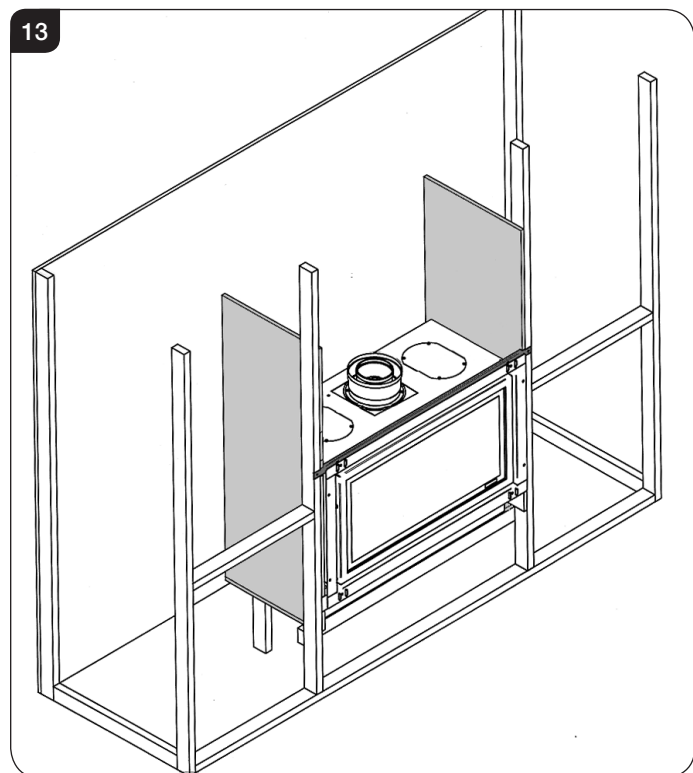
3.8 Fix foam seal to the rear of the outer flange of the appliance, see Diagram 12.



3.9 Position the appliance on the platform.

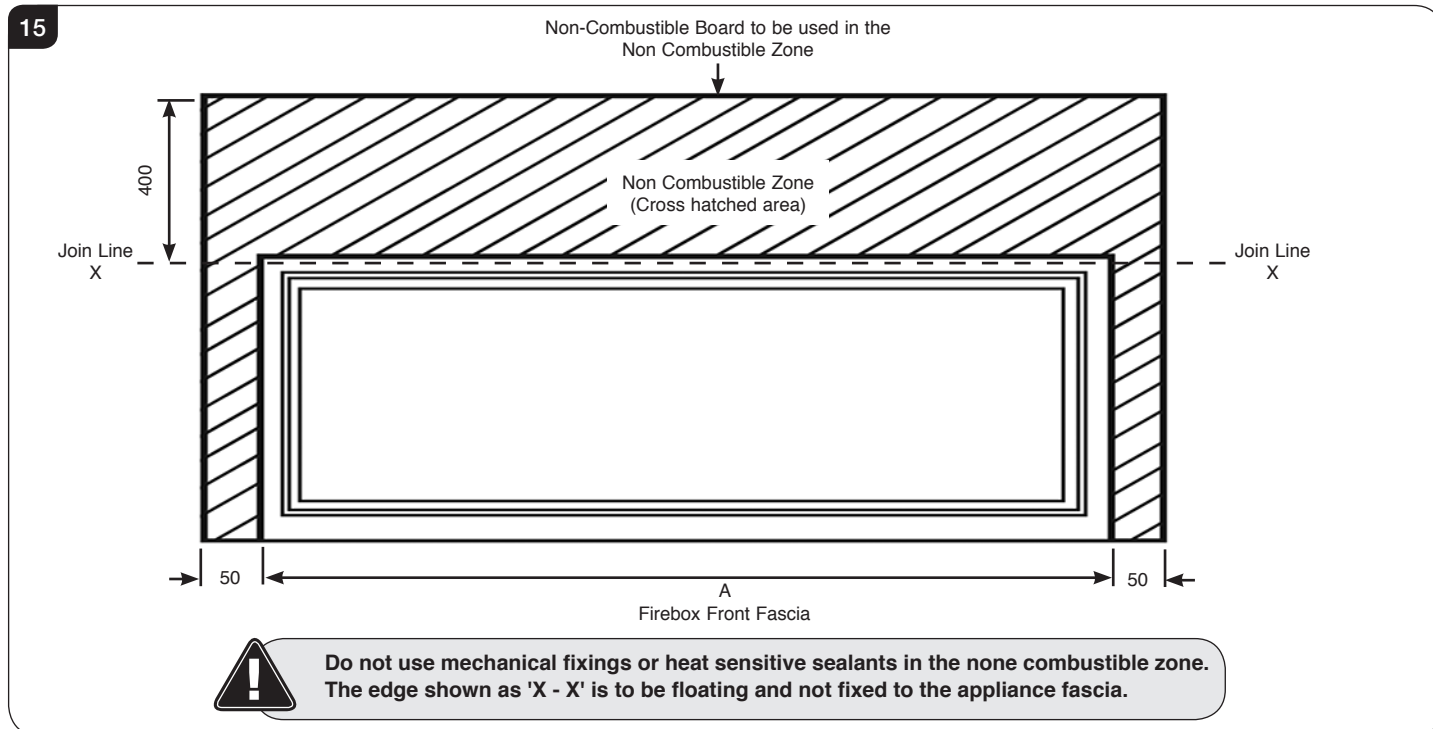
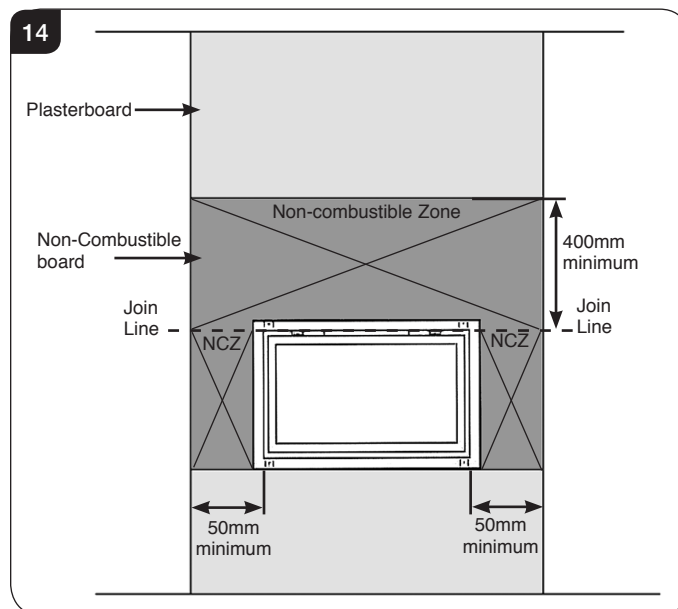
Installation Instructions

- 3.10 Fit the support bar into the recessed cutouts in the studwork, see Diagram 13.



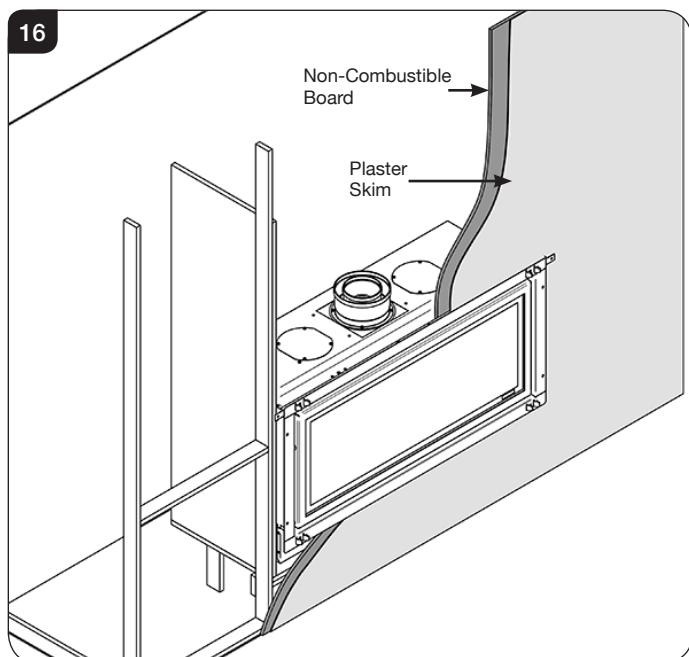
- 3.11 Fit Non-Combustible board to the studwork around the appliance. This should extend a minimum of 400mm above the appliance and at least 50mm to the sides of the appliance (from the outer box, not the flanges), see Diagram 14.

- 3.12 Apply plasterboard to the remainder of the studwork.



Installation Instructions

- 3.13 Secure the back of the appliance to the studwork using 4 screws through flange, bracket and support bar.
- 3.14 Apply a plaster finish to the front of the chimney breast.



i For finishes other than Decorative Frames (eg Marble or tiles) use an Edge kit as detailed in Section 4.

Ensure any Marble, tile or stonework finish has joint breaks in the 400mm Non-combustible Zone above the appliance to minimise the risk of heat cracking.

To finish this installation:

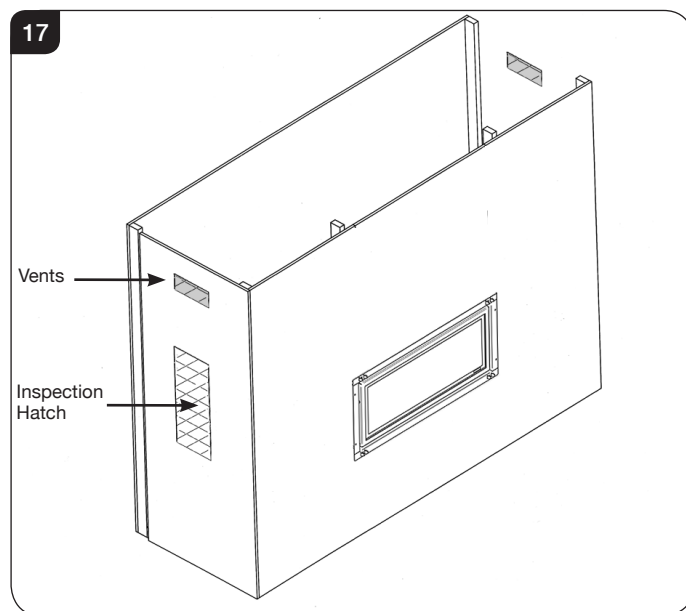
- 3.15 Connect the wall box and batteries following the instructions in Section 6.

An access hatch should be left in the side of the chimney breast for future servicing and inspection of the flue and appliance.

- 3.16 Connect:
- The flue system, see Installation, Section 7.
 - Gas services, see Installation, Section 2.

After commissioning:

- 3.17 Finish the sides of the chimney breast, see Diagram 17.



- 3.18 Attach the decorative frame.

Installation Instructions

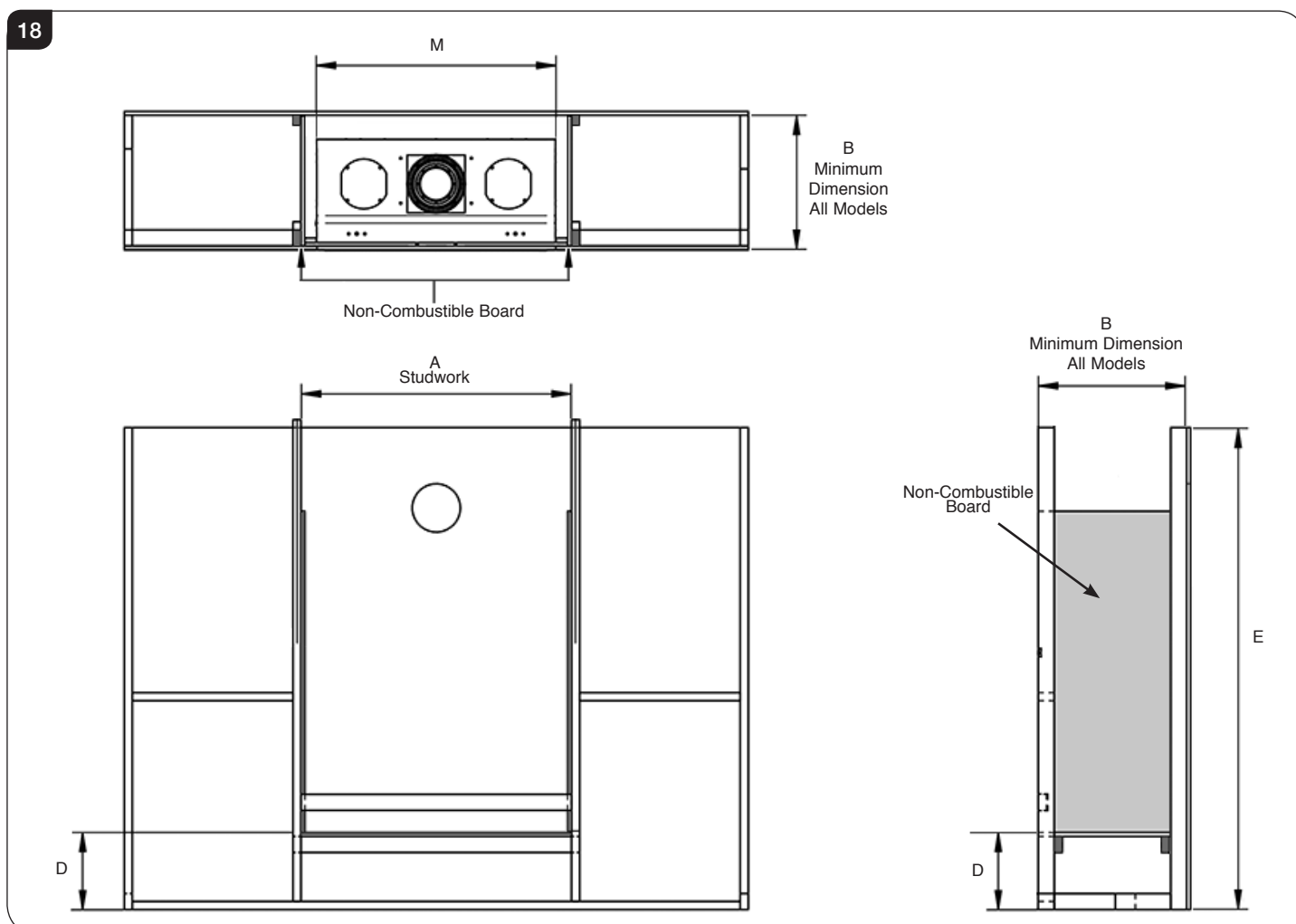
4. Studwork Installation for Studio with Edge Kit

4.1 BUILD THE STUDWORK CHIMNEY BREAST AND ENCLOSURES TO THE SPECIFICATIONS ON PAGE 23 & 24.

- The appliance can be installed in a timber frame out.
- The following details are the absolute minimum required based on using 90 x 45 framing.
- The following dimensions are based on wall finishing using Non-combustible board. If using tiles, stonework or similar provision must be made for the minimum clearances required.

Note:

These dimensions are for a studwork frame out used in conjunction with an Edge Frame kit.
For Decorative Frame and Cool Wall kit requirements see Installation Sections 3 or 5.



Model	A	B	M	D	E
Studio 1	845	455	745	150	939
Studio 2	1045	455	945	150	939
Studio 3	1435	455	1335	150	939

Installation Instructions

Studwork Installation for Studio with Edge Kit continued

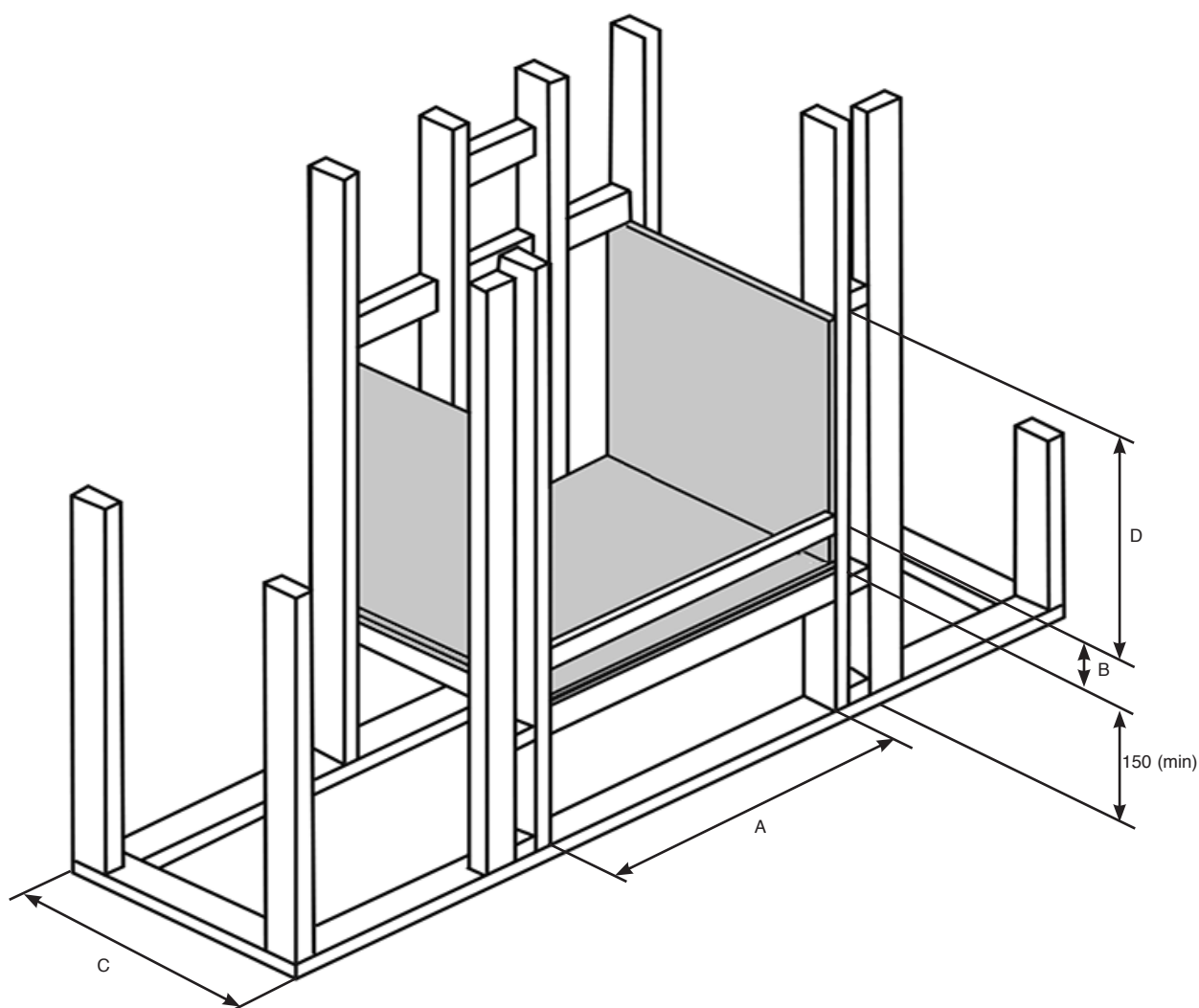


IMPORTANT: The cavity into which the Studio is fitted must be ventilated to prevent a build up of heat. If the cavity is sealed then it will be necessary to fit vents of approximately 50cm² each at both low and high levels. These vents should take cold air from the room and return warm air back into the room.

- 4.2 Line the inside cavity for the unit with Non-Combustible Board as shown in Diagram 19.

IMPORTANT: Non-Combustible Board **MUST** be used (see Approved Materials list - Page 13) or board that meets AS1530.1 or ASNZS1530.3 definition for Non-Combustible Material.

19



Minimum Framing Trim Out Dimensions for Studio with Edge kit

Model	A	B	C	D
Studio 1	845	119	455	820 min
Studio 2	1045	119	455	820 min
Studio 3	1435	119	455	820 min



IMPORTANT: This appliance must stand on a Non-Combustible floor platform that is at least 12mm thick. It is acceptable to use 2 x 9mm pieces of Non Combustible Board but dimension B must be measured from the top board as shown in Diagram 19.

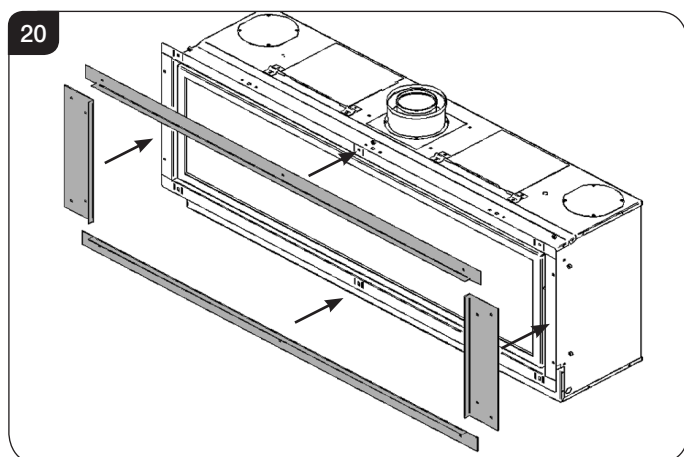
Installation Instructions

There is an optional Studio Edge Installation Kit available for installing the appliance without a frame:
Studio 1 BF Code No. 8727BFEK01, Studio 2 BF Code No. 8727BFEK02, Studio 3 BF Code No. 8727BFEK03.

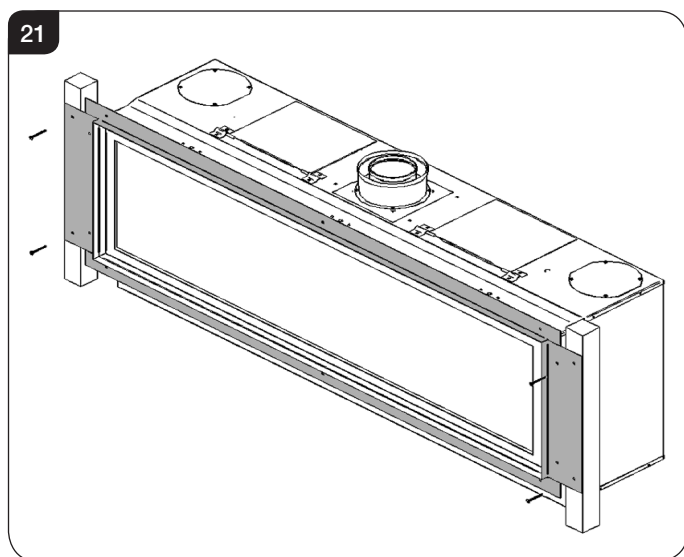
i The Edge kit should only be for installation with Slips, Tiles or other Natural Stone Materials.

Using the installation kit:

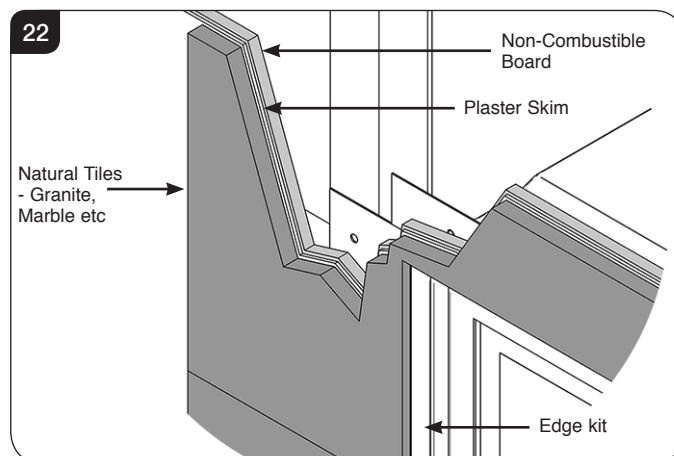
- 4.3 Fit the 4 metal brackets of the kit to the appliance, see Diagram 20.



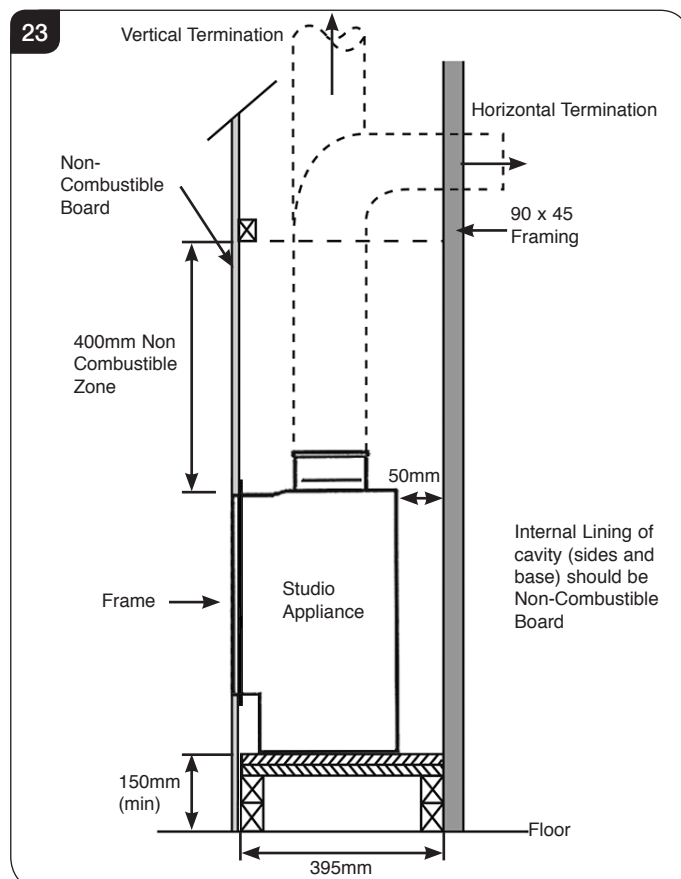
- 4.4 Build studwork enclosure to the specifications on pages 23 & 24.
4.5 Ensure all clearances to combustible material are maintained, see Page 15.
4.6 Secure the appliance to the vertical studwork through the holes in the metal brackets fitted to the appliance.



- 4.7 The kit has been designed so that Non-Combustible board can be taken right up to the edge of the 4 brackets, see Diagrams 22.

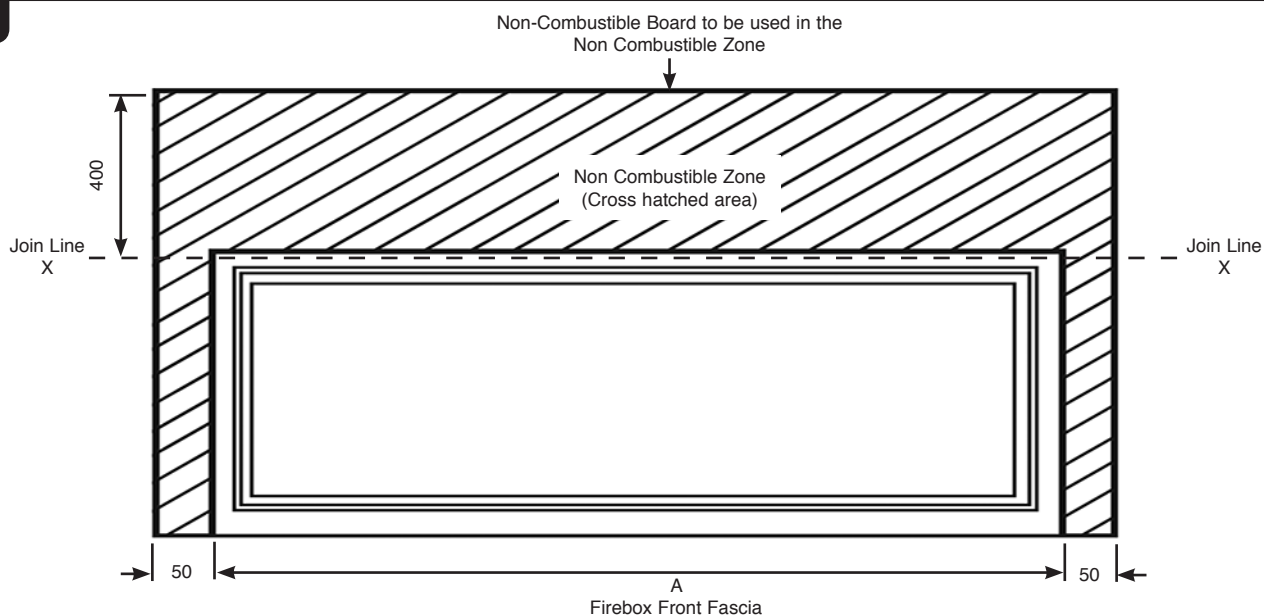


- 4.8 Decide on flue requirements.
4.9 Cut a hole for the flue exit, see Installation Instructions, Flue Assembly.



Installation Instructions

24



Do not use mechanical fixings or heat sensitive sealants in the none combustibile zone. The edge shown as 'X - X' is to be floating and not fixed to the appliance fascia.

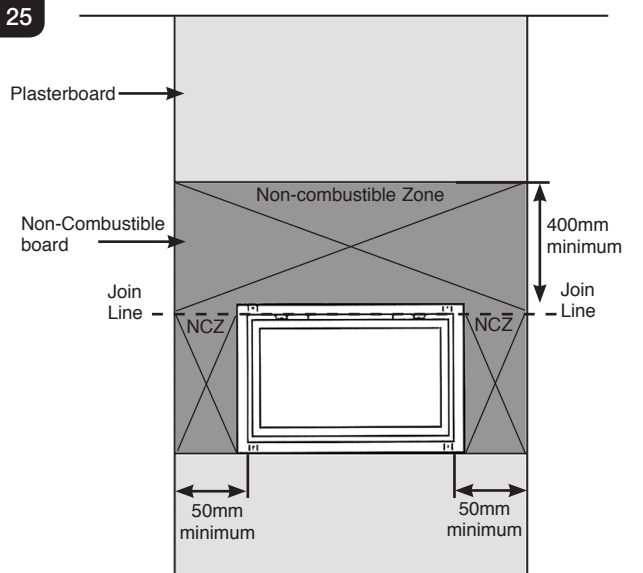
4.10 Fit Non-Combustible board to the studwork around the appliance. This should extend a minimum of 400mm above the appliance and at least 50mm to the sides of the appliance (from the outer box, not the flanges).

4.11 Fit plasterboard to the remaining chimney breast front.

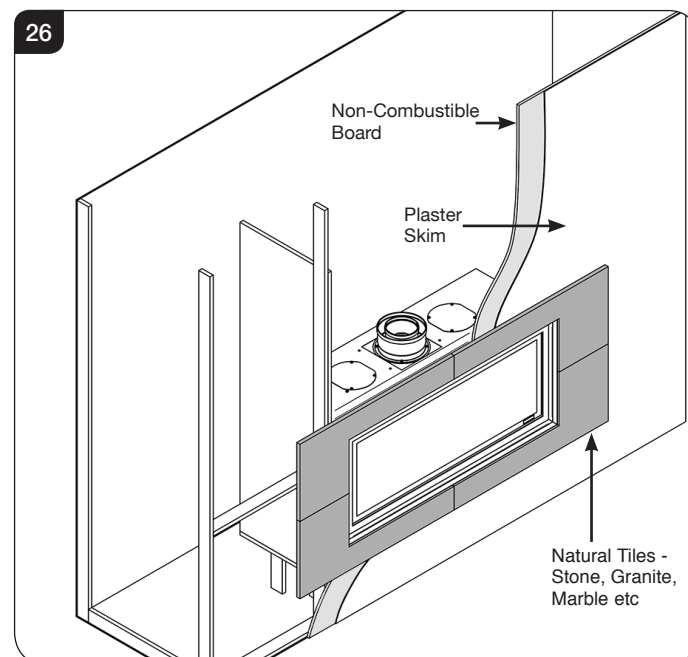
4.12 Natural Tiles (Stone, Granite etc)

- If lining the fascia of the fireplace opening with Natural Materials such as Stone, Granite or Marble tiles Gazco recommend they are cut into three or more sections to prevent cracking. Resin based materials may not be suitable.

25



26

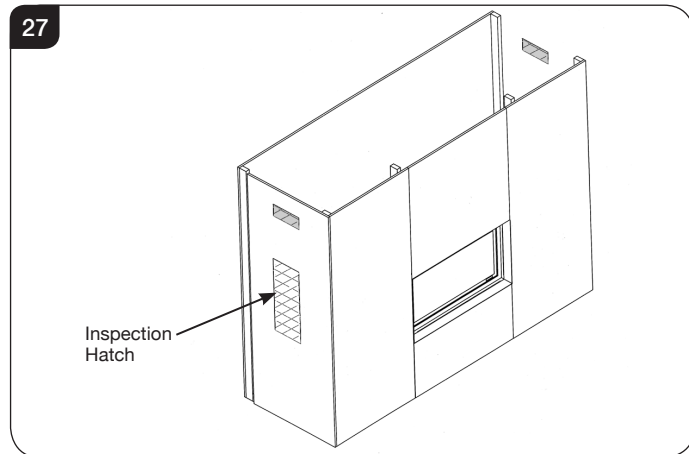


Installation Instructions

An access hatch should be left in the side of the chimney breast for future servicing and inspection of the flue and appliance.

4.13 Connect the flue system and make the gas connection.

4.14 After commissioning finish the sides of the chimney breast, see Diagram 27.



4.15 Finish as required.

Installation Instructions

5. Studwork for Cool Wall installation kit (with Edge Plus Frame)

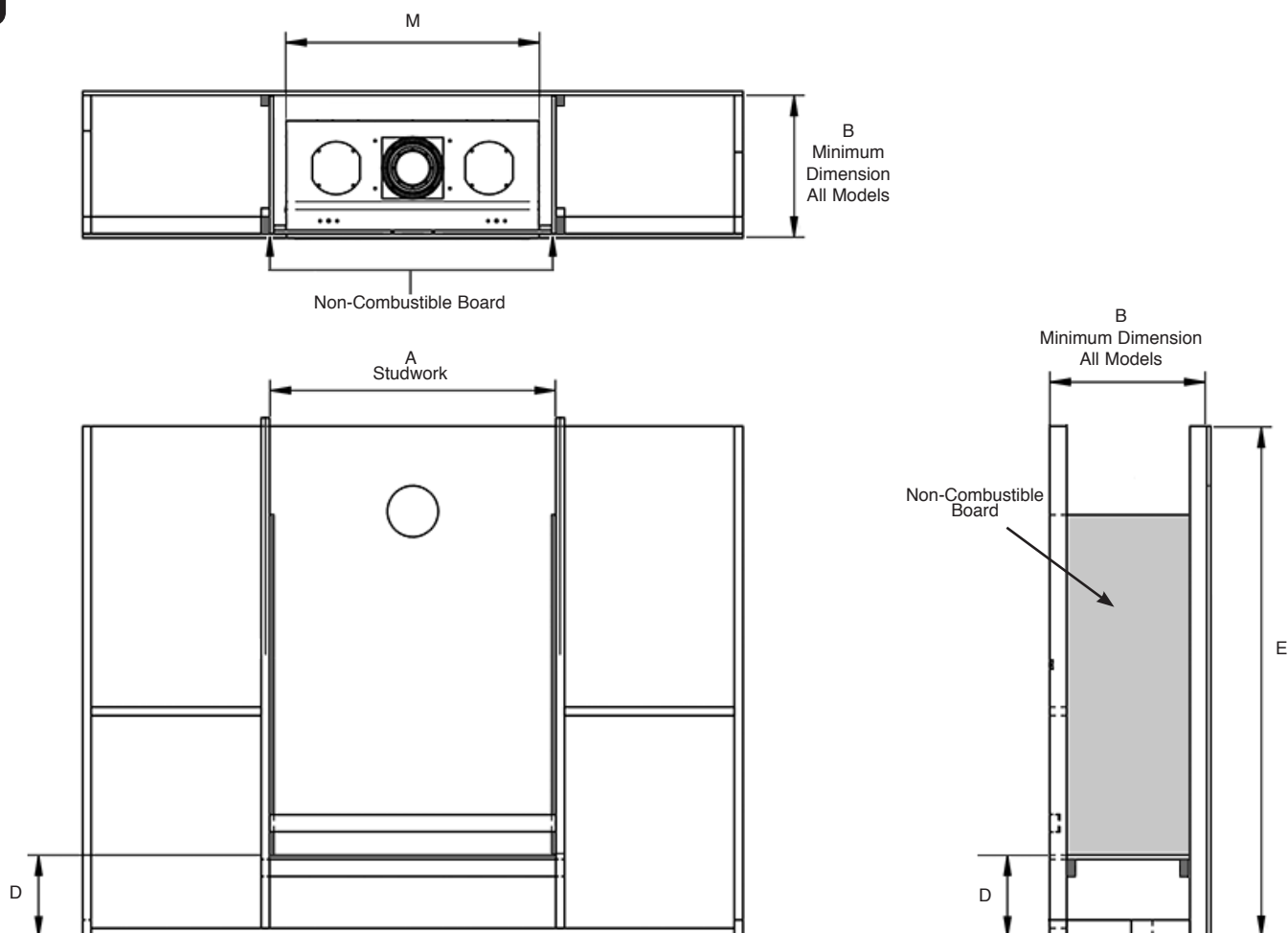
5.1 BUILD THE STUDWORK CHIMNEY BREAST AND ENCLOSURES TO THE SPECIFICATIONS ON PAGE 28 & 29.

- The appliance can be installed in a timber frame out.
 - The following details are the absolute minimum required based on using 90 x 45 framing.
 - The following dimensions are based on wall finishing using Non-Combustible Board.
- If using tiles, stonework or similar provision must be made for the minimum clearances required.

Note:

These dimensions are for a studwork frame out used in conjunction with an Cool Wall kit.
For Decorative Frame and Edge Frame kit requirements see Installation Sections 3 or 4.

28



Model	A	B	M	D	E
Studio 1	845	455	745	150	939
Studio 2	1045	455	945	150	939
Studio 3	1435	455	1335	150	939

Installation Instructions

Studwork Installation for Studio with Cool Wall kit (with Edge Plus Frame) continued

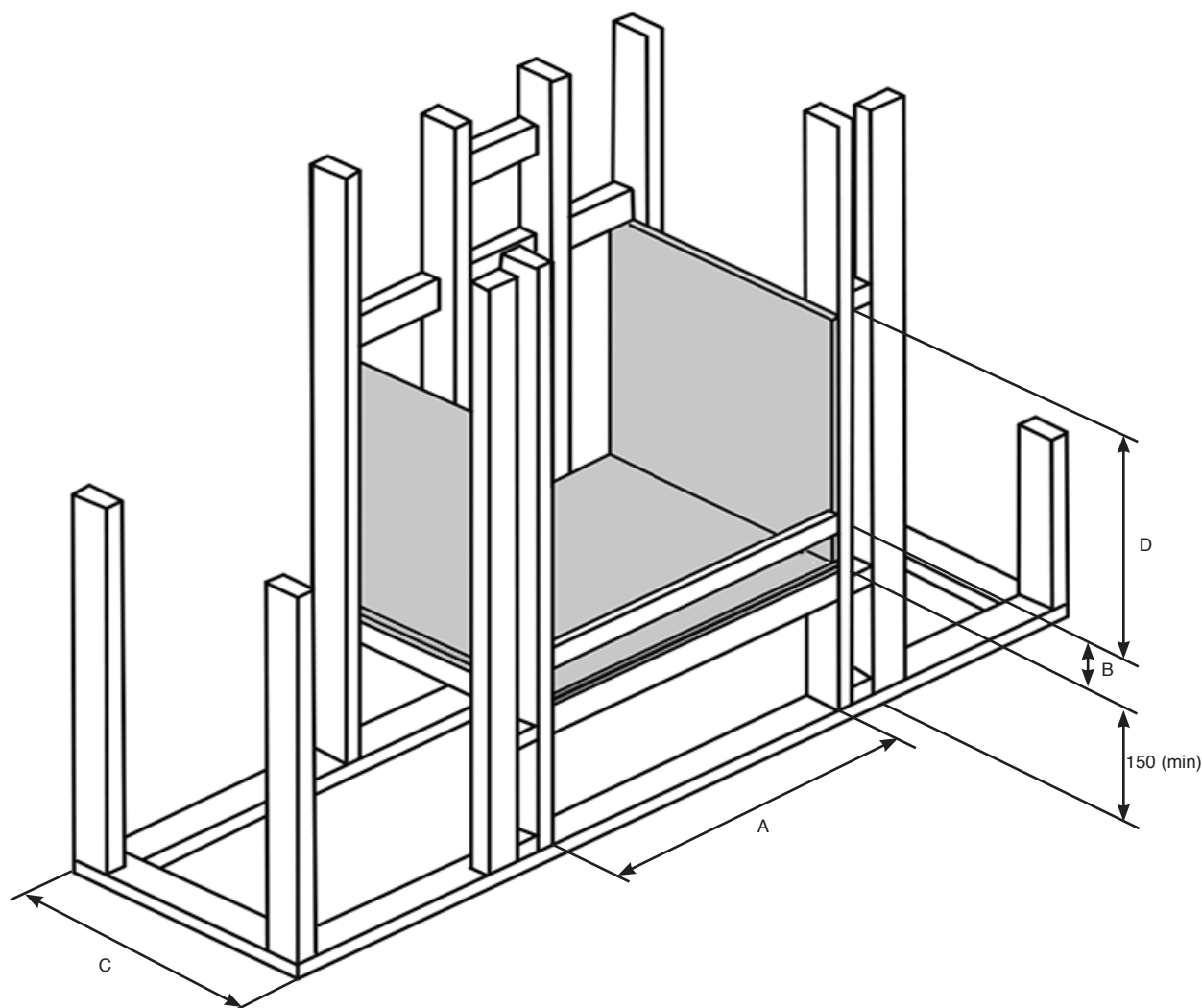


IMPORTANT: The cavity into which the Studio is fitted must be ventilated to prevent a build up of heat. It will be necessary to fit vents of approximately 200cm² each at both low and high levels. These vents should take cold air from the room and return warm air back into the room.

5.2 Line the inside cavity for the unit with Non-Combustible Board as shown in Diagram 29.

IMPORTANT: Non-Combustible Board **MUST** be used (see Approved Materials list - Page 14) or board that meets AS1530.1 or ASNZS1530.3 definition for Non-Combustible Material.

29



Minimum Framing Trim Out Dimensions for Studio with Cool Wall kit.

Model	A	B	C	D
Studio 1	845	119	455	820 min
Studio 2	1045	119	455	820 min
Studio 3	1435	119	455	820 min



IMPORTANT: This appliance must stand on a Non-Combustible floor platform that is at least 12mm thick. It is acceptable to use 2 x 9mm pieces of Non Combustible Board but dimension B must be measured from the top board as shown in Diagram 29.

Installation Instructions

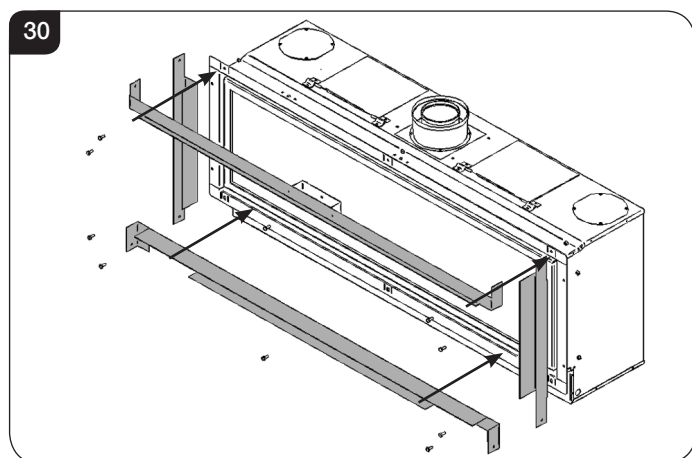
For the cool-wall installation, convected heat produced by the appliance is channelled into the chimney cavity and vented at the top.

The cool wall installation kit is provided unfinished. This allows the kit to be finished to match the front face decor.

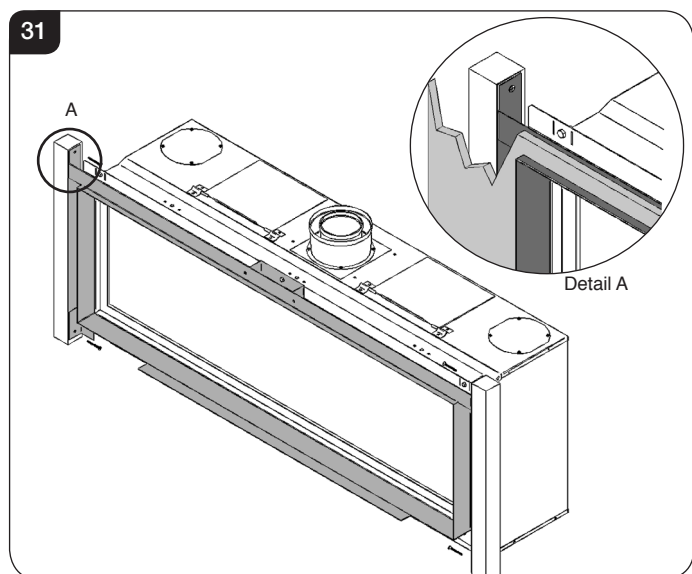
There is an optional Studio Cool Wall Installation Kit available for installing the appliance without a frame: Studio 1 BF Code No. 8727BFCW01, Studio 2 BF Code No. 8727BFCW02, Studio 3 BF 8727BFCW03.

Using the fixing kit:

- 5.3 Fit the 4 metal brackets of the kit to the appliance, see Diagram 30. There is a deliberate gap at the top for convected heat.

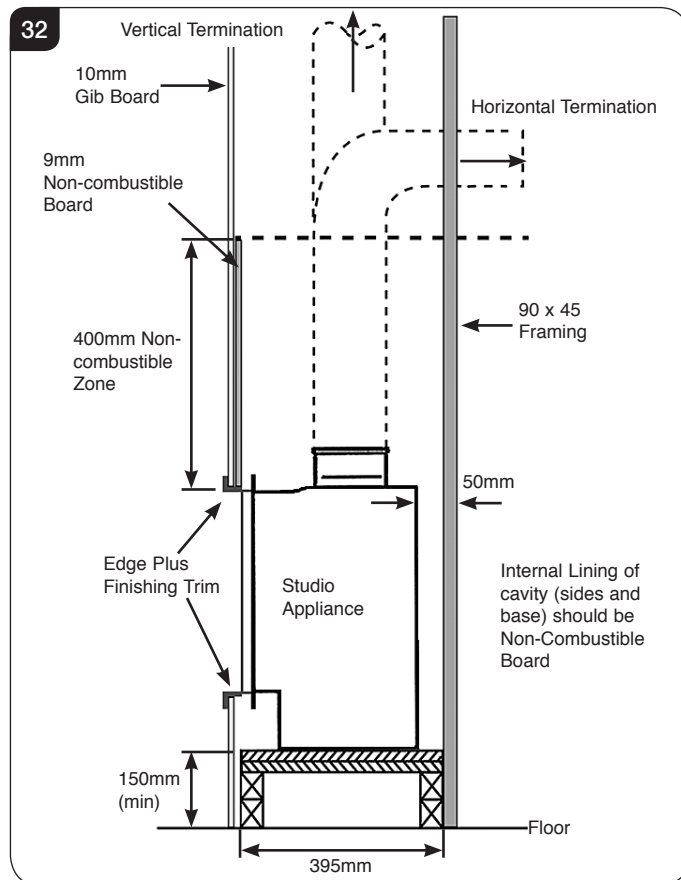


- 5.4 This now determines the width of your 2 vertical studwork supports. The kit has been designed so that Non-combustible board can be taken right up to the edge of the 4 brackets, see Diagram 31.

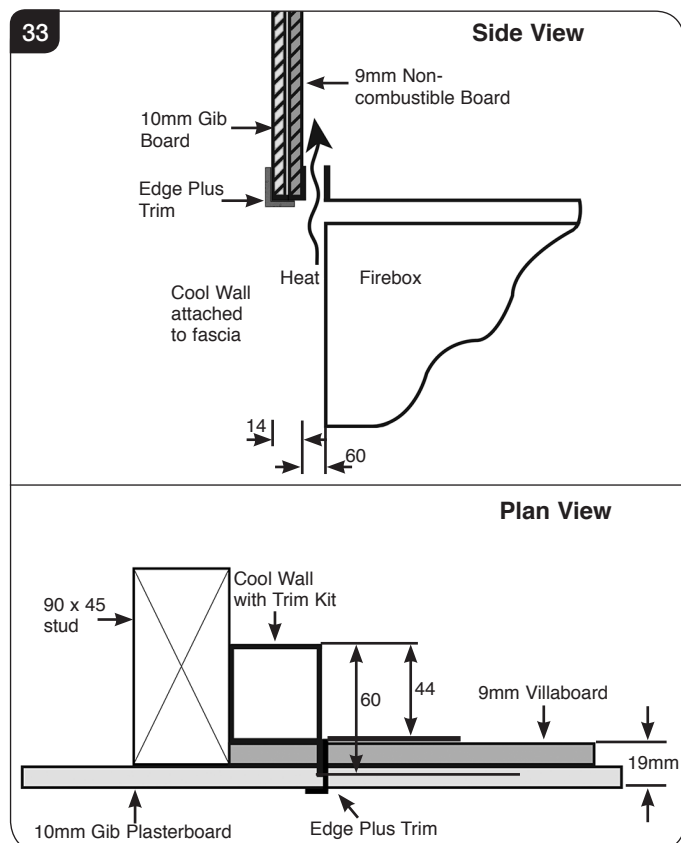


- 5.5 Build studwork enclosure to the specifications on page 28/29.
- 5.6 Ensure all clearances to combustible material are maintained, see Page 15.
- 5.7 Decide on flue requirements.

- 5.8 Cut a hole for the flue exit, see Installation Instructions, Flue Assembly.

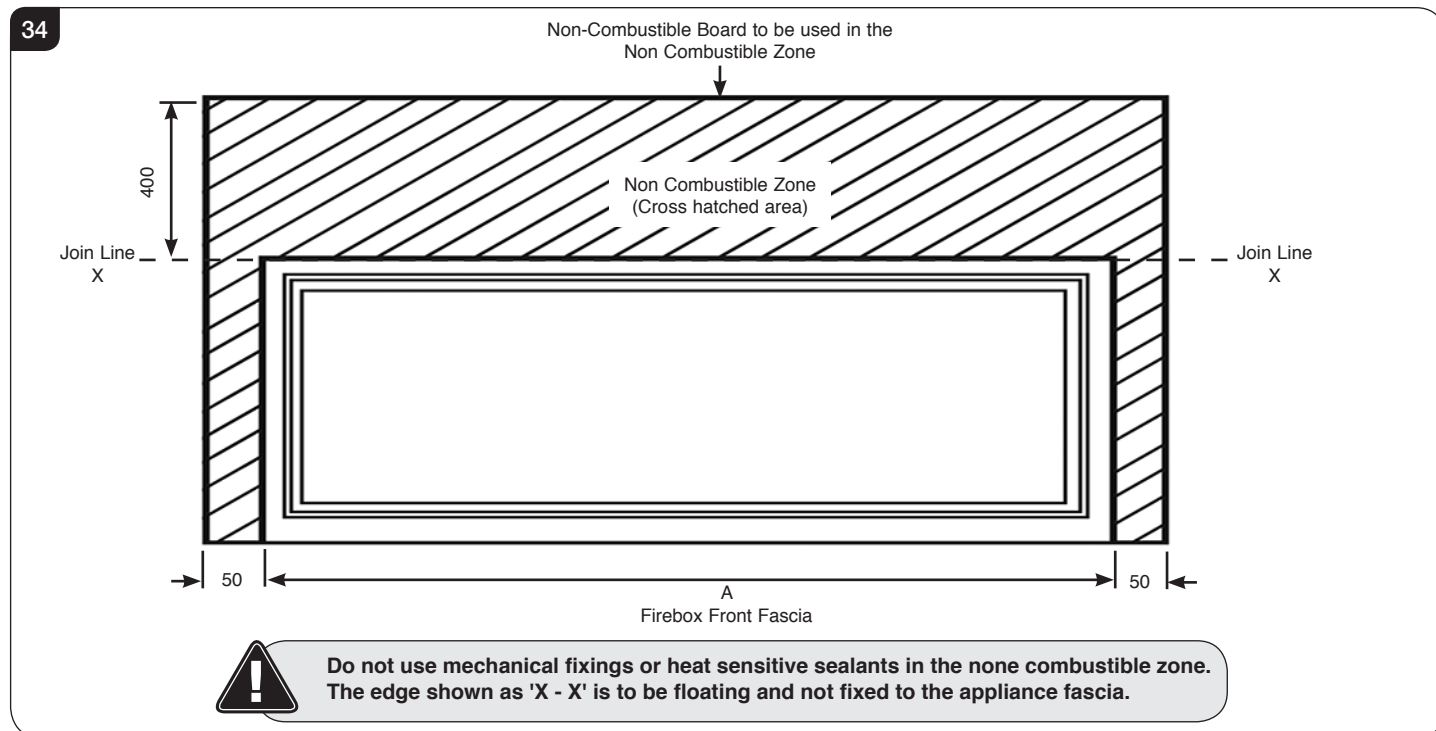


- 5.9 Secure the appliance to the vertical studwork through the holes in the metal brackets fitted to the appliance.

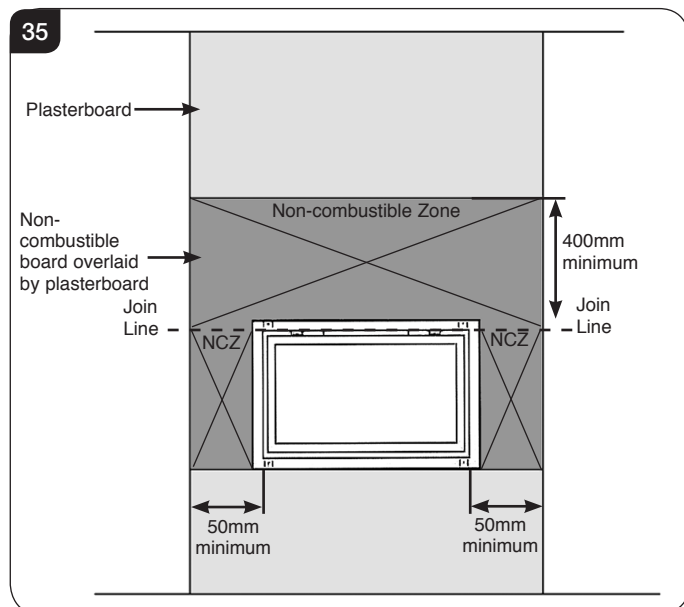


Installation Instructions

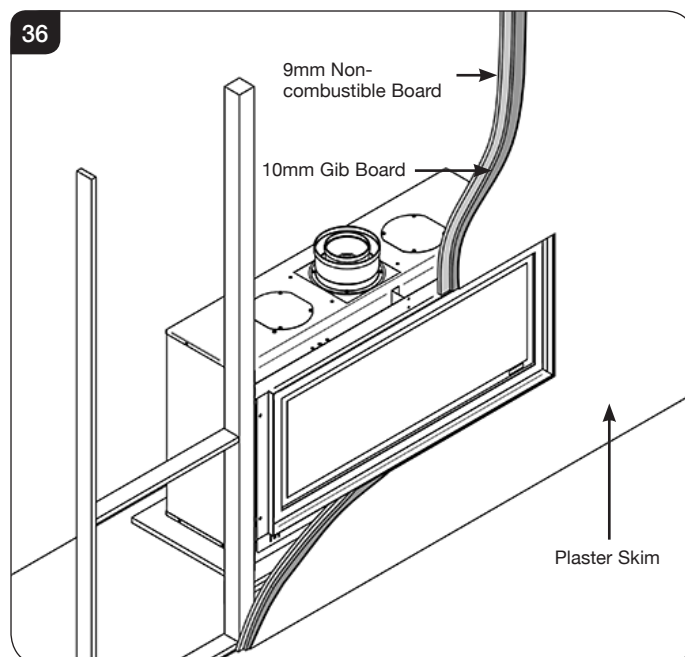
- 5.10 Fit Non-combustible board to the studwork around the appliance. This should extend a minimum of 400mm above the appliance and at least 50mm to the sides of the appliance (from the outer box, not the flanges).



- 5.11 Fit plasterboard to the remaining chimney breast front.



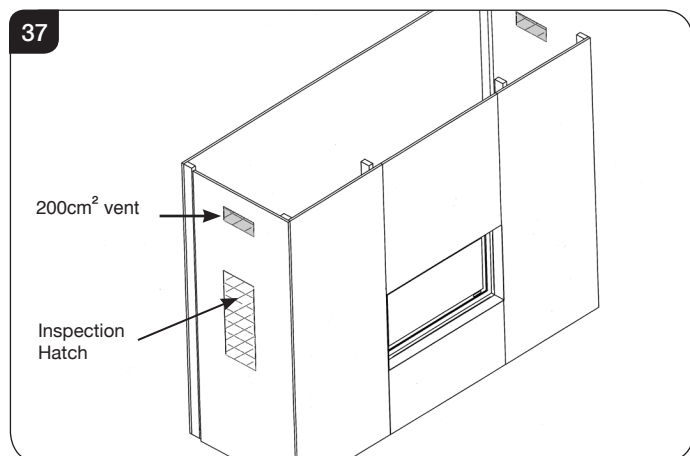
- 5.12 The Non-combustible Zone must be finished vertically and horizontally with 9mm Non-combustible board overlaid with 10mm Plasterboard. No mechanical or adhesive fixing should be placed in the 400mm above the appliance. Screw fixings to side and top supports only.



An access hatch should be left in the side of the chimney breast for future servicing and inspection of the flue and appliance.

Installation Instructions

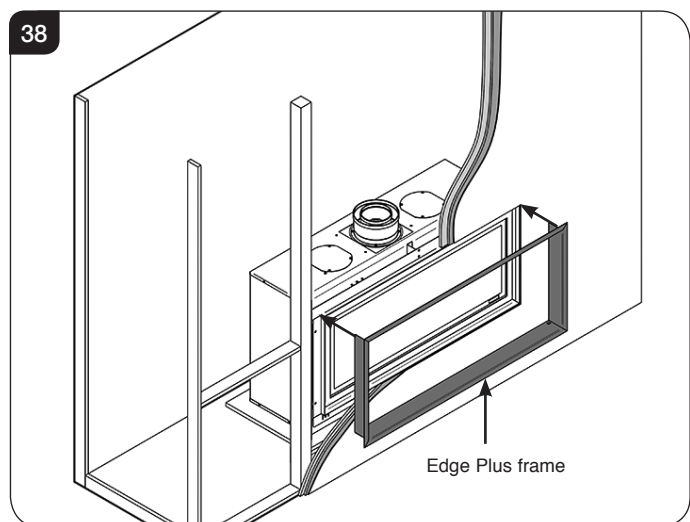
- 5.13 Connect the flue system and make the gas connection.
- 5.14 After commissioning, finish the sides of the chimney breast, see Diagram 37.



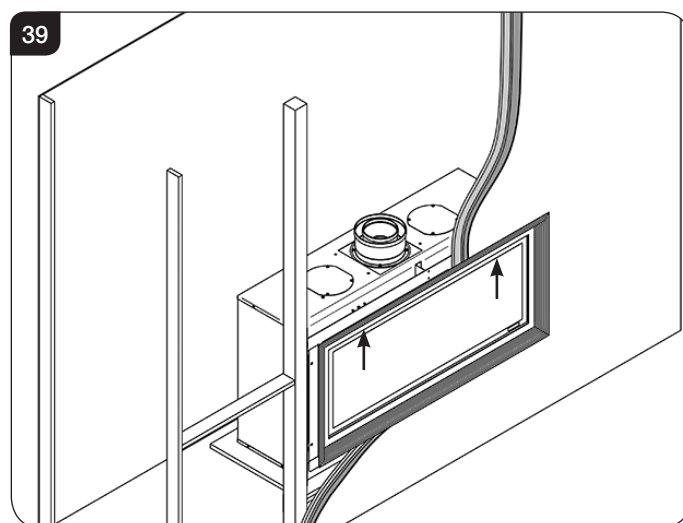
- 5.15 The top of the chimney breast must have a minimum 200cm² vent.
- 5.16 Finish as required.

Edge Plus Frame

- 5.17 To finish the effect with the Edge Plus frame offer the decorative trim to the front of the finished Cool Wall installation, see Diagram 38.



- 5.18 Carefully fit the top of the frame and slide the bottom into place. The lower flange is held by magnets. Secure the top using the two screw holes provided, see Diagram 36.



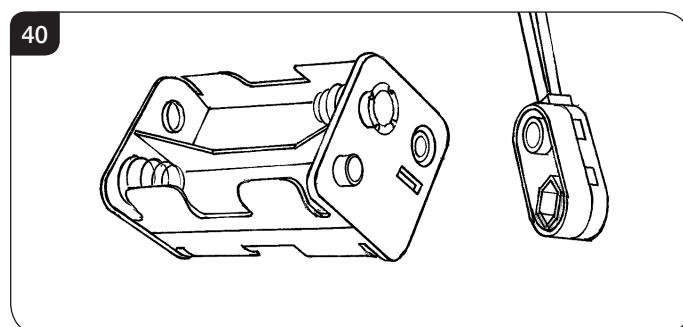
6. All types of installation into Studwork - Wall Flush Mounting Box & Batteries

i Please note: As an optional extra Gazco can provide a mains adapter to supply constant power to the appliance control box instead of the battery pack.

If installing an appliance with the adapter make provision for a mains power socket within 1.5m of the control box and follow the instructions provided.

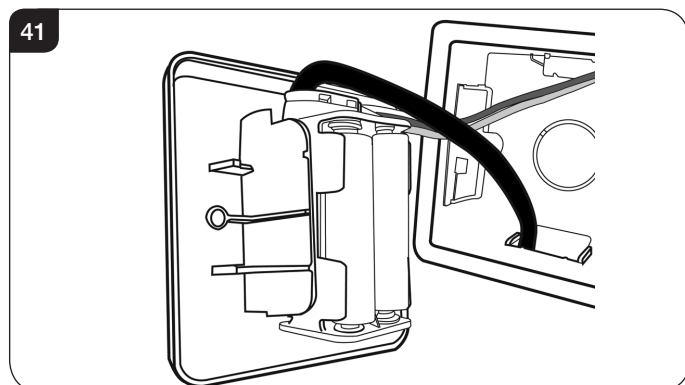
When installing the wall flush mounting box allow at least 100mm of slack wire in the battery lead where they enter the appliance on the right hand side. This allows the removal of the control assembly during servicing.

- 6.1 Decide on the position for the wall flush mounting box containing the batteries and cut the necessary hole.
- A battery power supply cable is supplied and pre-fitted to the appliance control. Provision is made for the cable to exit either the left or right of the appliance through the grommet. The cable is 3 metres long.
- 6.2 Connect the wire from the appliance to the battery pack, see Diagram 40.

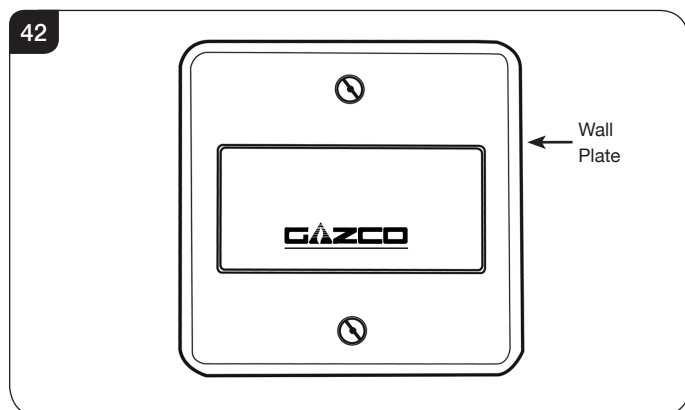


- 6.3 Correctly position the 4 new AA size batteries and re-assemble the battery holder as shown, see Diagram 41.

i It is essential to use high quality batteries (Duracell or equivalent) when replacing batteries in the handset or control box.



- 6.4 Secure the wall plate to the wall box using the 2 fixing screws, see Diagram 42.



PLEASE ENSURE NO WIRES ARE TRAPPED BEFORE REPLACING THE WALL PLATE. THE LEAD IS EASILY DAMAGED.

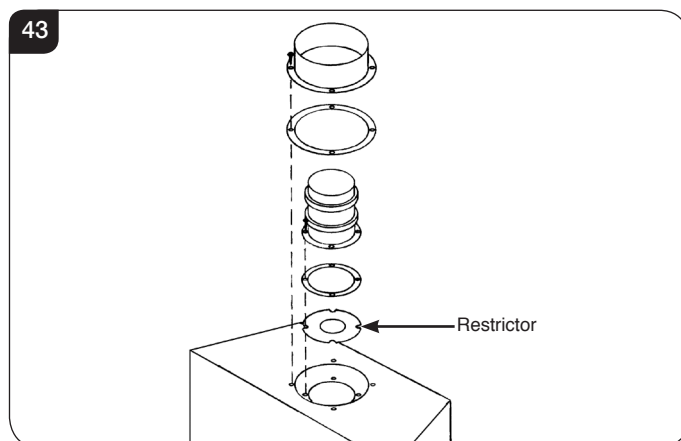
i **IMPORTANT**
The wall plate must be installed using a non-metallic mounting box, please ensure that the plastic dry lining box is used wherever possible. If it is intended to install the wall plate on a masonry it is possible to drill through the rear of this box and secure in position using wall plugs and screws although a small amount of finishing work will be required to cover the plastic side securing tags. Alternatively a standard 47mm deep pattress box can be used to surface mount the wall plate.

Installation Instructions

7. Flue Assembly

- 7.1 See Site Requirements, Section 2, Flue Options.

TAKE CARE WHEN MARKING OUT FOR THE FLUE AS IT IS DIFFICULT TO MOVE AFTER INSTALLATION. IF A RESTRICTOR IS REQUIRED FIT THIS BETWEEN THE SMALL OUTLET SPIGOT AND THE AIR DUCT, SEE DIAGRAM 43. REFER TO TECHNICAL SPECIFICATIONS FOR RESTRICTOR SIZE.



- 7.2 A 152mm (6") diameter hole in the wall is required to install the flue. This can be achieved by using either:

- a) Core drill
- b) Hammer and chisel

- 7.3 Drill small holes around the circumference when using method b). Make good both ends of the hole.

- 7.4 Allow enough room either above or to the side of the appliance to assemble the flue on top.

- 7.5 Assemble a horizontal flue in the following order:

- Vertical section
- 90° elbow
- Horizontal plus terminal

- 7.6 Support the opening of a masonry installation with a lintel.

- 7.7 Only the horizontal terminal section can be reduced in size.

To find the length:

- 7.8 Measure from the outside of the wall to the stop on the 90° elbow.

- 7.9 **Add 10mm to the outlet end.**

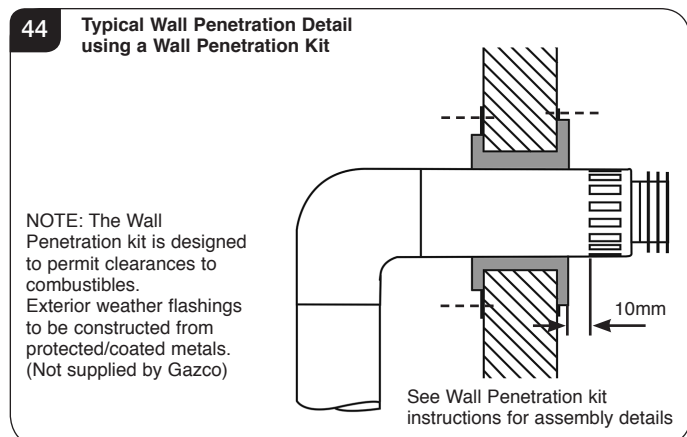
- 7.10 Use a Wall Penetration kit with a moisture seal when installing horizontally.

Note: This kit is not supplied by Gazco and it is essential to read the instructions supplied with the kit before attempting to install.

- 7.11 Measure from the edge of the slots closest to the wall.

Installation Instructions

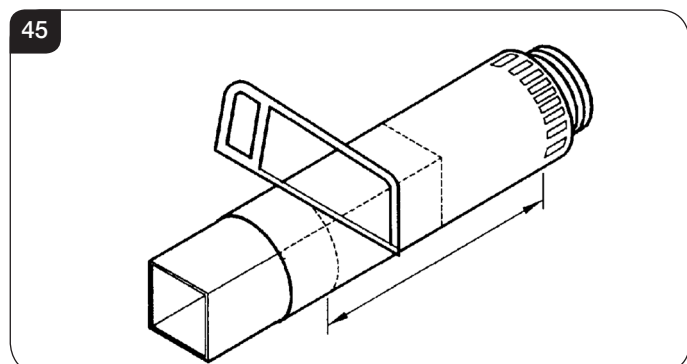
7.12 Mark around the flue, see Diagram 44.



7.13 Assemble the plate onto the flue but do not secure to wall until the flue is fully assembled, see Diagram 44.

7.14 The cardboard fitment in the terminal is used to support the flue whilst it is cut to length.

ONCE CUT TO SIZE REMOVE THE CARDBOARD REMNANT, see Diagram 45.



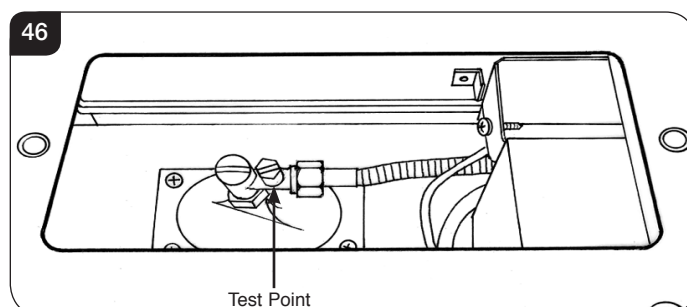
7.15 Remove the compression elbow from the appliance and connect it to the gas supply pipe.

As the appliance is fitted into the enclosure:

7.16 Pass the elbow and supply pipe through the silicone panel on the LEFT HAND side.

7.17 **PURGE THE SUPPLY PIPE.** This is essential to expel any debris that may block the gas controls.

7.18 Connect the elbow to the appliance inlet pipe, see Diagram 46.



7.19 Connect a suitable pressure gauge to the test point located on the inlet fitting.

7.20 Turn on the gas.

7.21 Light the appliance and check for leaks.

7.22 Turn the appliance to maximum and check that the supply pressure is as stated on the data badge.

7.23 Turn off the gas and replace the test point screw.

7.24 Turn the gas back on and check the test point for leaks.

8. Assembling the Appliance

8.1 The Studio appliances have the option of 3 different liner finishes:

Vermiculite
Black Reeded Panels
Black Glass Linings

Vermiculite & Black Reeded

NOTE: ALL FRONT PANELS AND THE STUDIO 3 REAR PANELS ARE IN TWO PIECES.

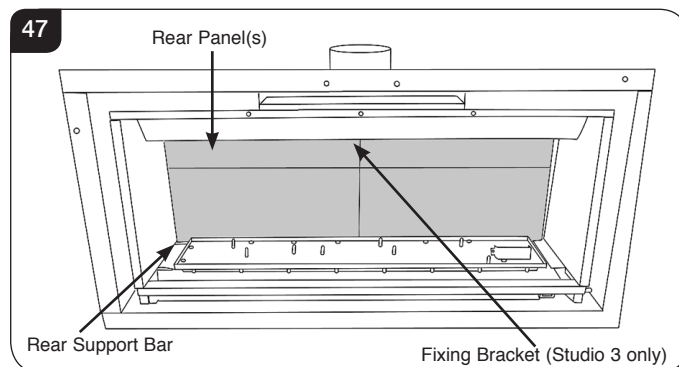
STUDIO 1 & 2: HOLD THE REAR PANELS UNTIL ALL THE OTHER PANELS ARE IN PLACE AS THEY CAN FALL FORWARD.

STUDIO 3 HAS A TOP BRACKET TO SECURE THE PANELS THIS MUST BE REMOVED PRIOR TO ATTEMPTING TO FIT THE REAR PANELS.

8.2 The appliance is supplied with 2 sets of lower side panels. The shorter set is to be used with vermiculite and black reeded panels.

8.3 Place the rear panel(s) behind the locating bracket on the rear support bar.

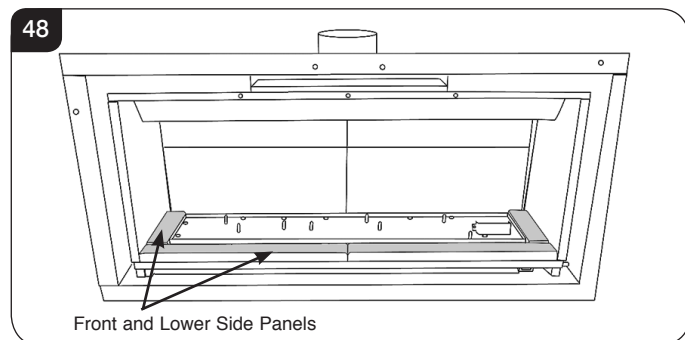
8.4 Centralise the rear panel(s) with the chamfers touching and pushed together, see Diagram 47.



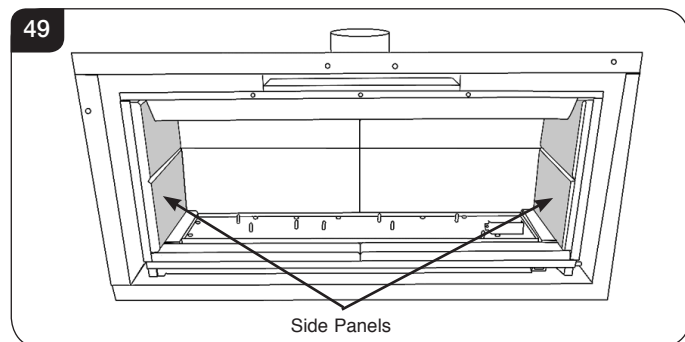
If installing the panels on a Studio 3 model replace the L shaped fixing bracket at the top rear of the firebox to hold the two rear liners in place.

Installation Instructions

- 8.5 Place the lower side and front panels in position so the chamfers meet at the front edge of the burner.
- 8.6 Ensure the 2-piece front panels are engaged against the centre support tags on the burner and are pushed together in the middle, see Diagram 48.



- 8.7 Slide the 2 side panels up to the rear panel, see Diagram 49.



NOTE: THE HORIZONTAL CHAMFERS MUST ALIGN ON THE REAR AND SIDE PIECES.

Black Glass

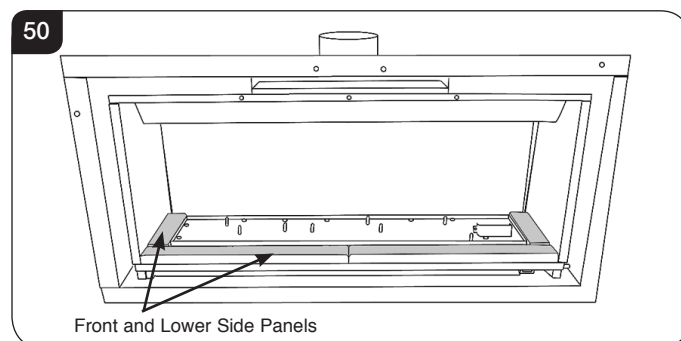
NOTE: ALL REAR PANELS ARE ONE PIECE.

HOLD THE REAR PANEL UNTIL ALL THE OTHER PANELS ARE IN PLACE AS THEY CAN FALL FORWARD.

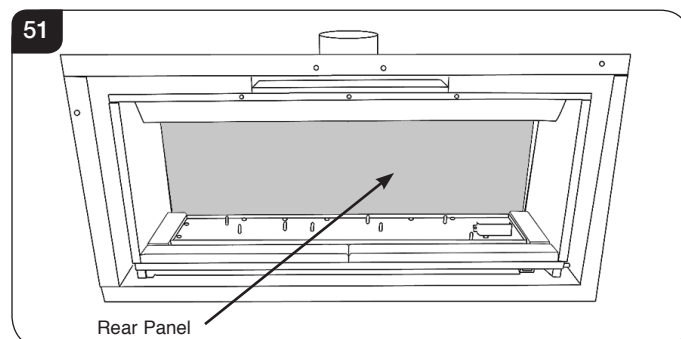
STUDIO 3 HAS A TOP BRACKET TO SECURE THE PANELS THIS MUST BE REMOVED PRIOR TO ATTEMPTING TO FIT THE REAR PANELS.

- 8.8 The appliance is supplied with 2 sets of lower side panels. The longer set is to be used with black glass panels.
- 8.9 Place the lower side and front panels in position so the chamfers meet at the front edge of the burner.

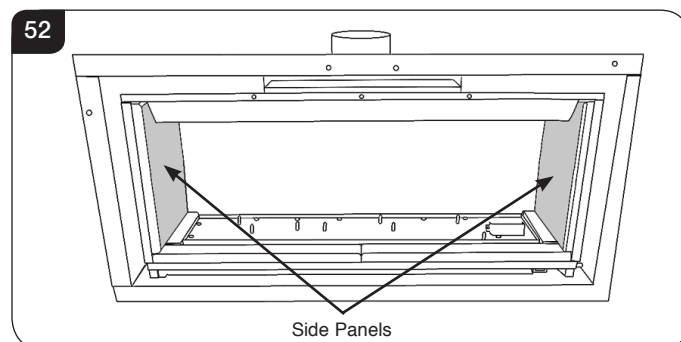
- 8.10 Ensure the 2-piece front panels are engaged against the centre support tags on the burner and are pushed together in the middle, see Diagram 50.



- 8.11 Fit and centralise the rear panel, see Diagram 51.



- 8.12 Slide the 2 side panels up to the rear panel, see Diagram 52.



Installation Instructions

9. Arrangement of the fuel bed

Advice on handling and disposal of fire ceramics



The fuel effect of the log version of this appliance is made from Refractory Ceramic Fibre (RCF), a material which is commonly used for this application.

Protective clothing is not required when handling these articles, but we recommend you follow normal hygiene rules of not smoking, eating or drinking in the work area and always wash your hands before eating or drinking.

To ensure that the release of RCF fibres are kept to a minimum, during installation and servicing a HEPA filtered vacuum is recommended to remove any dust accumulated in and around the appliance before and after working on it. When servicing the appliance it is recommended that the replaced items are not broken up, but are sealed within heavy duty polythene bags and labelled as RCF waste.

RCF waste is classed as stable, non-reactive hazardous waste and may be disposed of at a licensed landfill site.

Excessive exposure to these materials may cause temporary irritation to eyes, skin and respiratory tract; wash hands thoroughly after handling the material.

9.1 **White Stone Effect:** To replace the white stone effect, make sure they are flattened so they are level with the rim of the tray.

9.2 **Lava Rock for Log & Driftwood Log Layout:** Use the entire bag of supplied Lava Rock.

TAKE CARE NOT TO SPILL THE EFFECT INTO THE PILOT AREA.

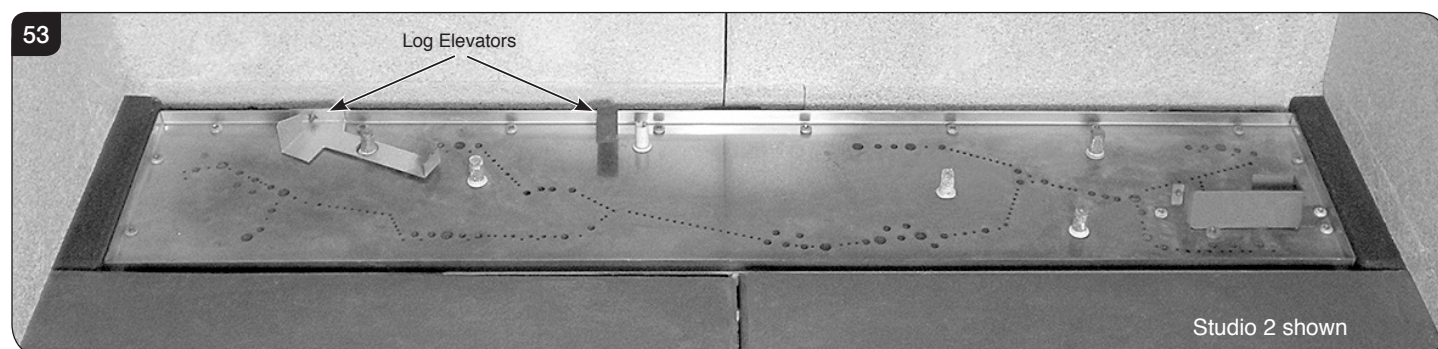
STACK STONES EFFECT IN FRONT OF THE PILOT SHIELD TO OBSCURE THE BLACK METAL SHIELD.

ONLY GENUINE GAZCO PARTS CAN BE USED IN THIS APPLIANCE.

10. Pebble & Stone Layout

PEBBLES & STONES MUST BE POSITIONED ACCORDING TO THE FOLLOWING INSTRUCTIONS TO GIVE THE CORRECT FLAME EFFECT.

The burner tray on each model has log elevators that must be removed prior to positioning the pebble and stone effect, see Diagram 53 for example.



Studio 1 - 1 log elevator
Studio 2 - 2 log elevators
Studio 3 - 2 log elevators

Installation Instructions

Layout for Studio 1

All pebbles can be identified by a number (ranging 1 - 18) on their underside. Pebbles 1, 3, 4, 5 & 12 have holes which locate onto a burner stud (Please note that the Studio 1 does not have Pebble 12).

10.1 Evenly spread the white stones over the fuel bed.

10.2 Position Pebbles 3*, 4*, 5* & 1* on to the locating studs in the burner tray.

NOTE: Pebble 4 on the front left corner of the burner tray and Pebble 5 on the front edge do not have a locating stud.

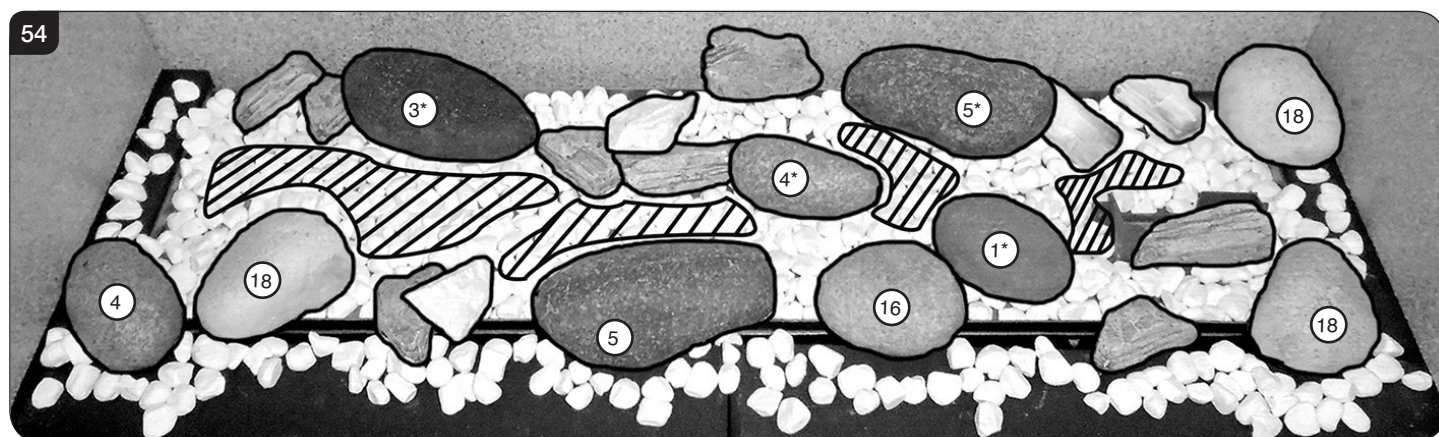
Once in position, place the remaining pebbles and embers in the below order, see Diagram 54.

Sparsely spread an amount of the Embaglow fibres provided, covering the ports in the burner tray, see Diagram 54.

Ensure the material is placed loosely to create a random glow.

Take care not to use more than half a packet per application.

WARNING - DO NOT PLACE NEAR THE PILOT AREA.



Layout for Studio 2

All pebbles can be identified by a number (ranging 1 - 18) on their underside. Pebbles 1, 3, 4, 5 & 12 have holes which locate onto a burner stud.

10.3 Evenly spread the white stones over the fuel bed.

10.4 Position Pebbles 1*, 12*, 3*, 4*, 5* & 1* on to the locating studs in the burner tray.

NOTE: Pebble 4 on the front left corner of the burner tray and Pebble 5 on the front edge do not have a locating stud.

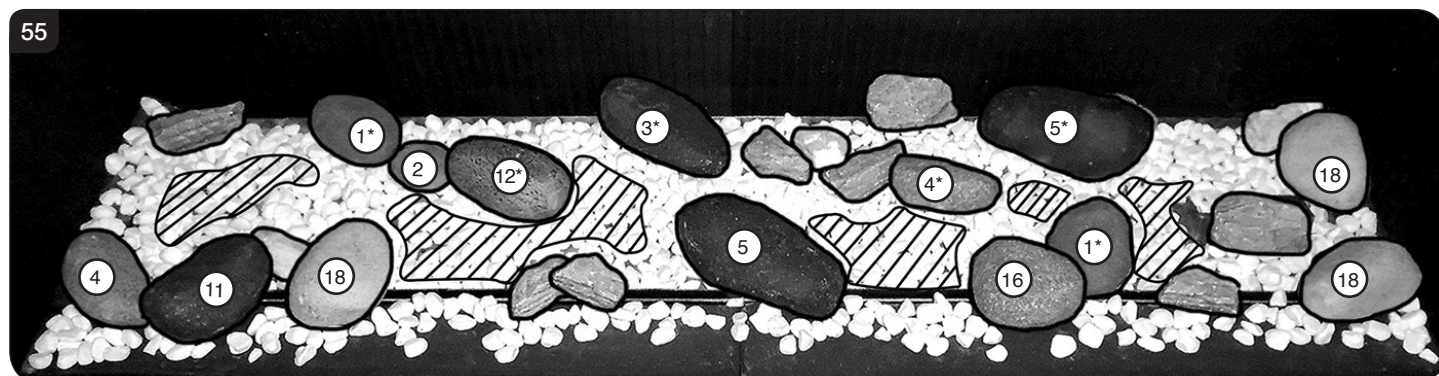
Once in position, place the remaining pebbles and embers in the below order, see Diagram 55.

Sparsely spread an amount of the Embaglow fibres provided, covering the ports in the burner tray, see Diagram 55.

Ensure the material is placed loosely to create a random glow.

Take care not to use more than half a packet per application.

WARNING - DO NOT PLACE NEAR THE PILOT AREA.



Installation Instructions

Layout for Studio 3

The main pebbles can be identified by a number (ranging 1 - 18) on their underside. Pebbles 1, 3, 4, 5 & 12 have holes which locate onto a burner stud. The additional smaller pebbles are placed in between as shown below.

10.5 Evenly spread the white stones over the fuel bed.

10.6 Position Pebbles 3 x 1*, 4*, 3 x 5* & 12* on to the locating studs in the burner tray in the below order for your relevant gas type, see Diagram 56 or 57.

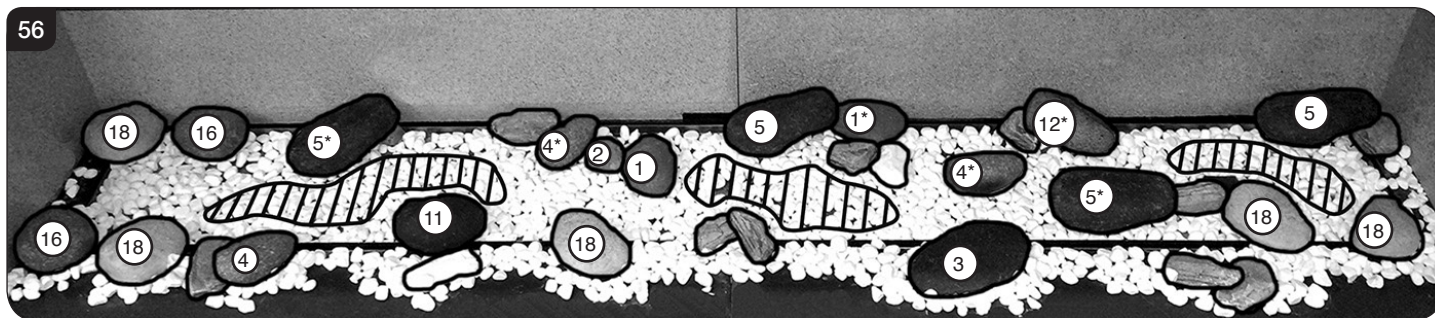
NOTE: Pebble 4 on the front left corner of the burner tray and Pebble 5 on the front edge do not have a locating stud. Once in position, place the remaining pebbles and embers as shown.

Sparsely spread an amount of the Embaglow fibres provided, covering the ports in the burner tray, see Diagram 56 or 57. Ensure the material is placed loosely to create a random glow.

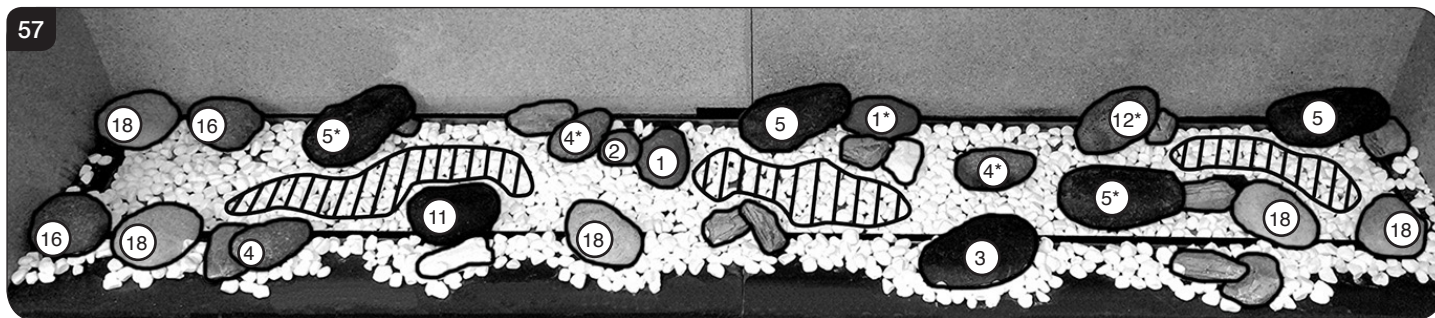
It is necessary to use the whole packet of Embaglow on the Studio 3.

WARNING - DO NOT PLACE NEAR THE PILOT AREA.

Natural Gas



LPG



Installation Instructions

11. Log Layout

LOGS MUST BE POSITIONED ACCORDING TO THE FOLLOWING INSTRUCTIONS TO GIVE THE CORRECT FLAME EFFECT.

THERE ARE TWO LOG SETS - AUTHENTIC LOG AND DRIFTWOOD. EACH SET IS FITTED USING THE SAME METHOD.

Layout for Studio 1

All logs can be identified by a letter (A - H) on their underside. Logs C and B have holes to locate each onto a burner stud (please note that the Studio 1 does not have Logs G, E, or F).

- 11.1 Position log B on the left hand side of the burner tray, locating onto the middle and back left studs and resting on the log elevator.

Cover the remainder of the tray in lava rock, see Diagram 58.

Take care not to spill the lava rock into the pilot area and the air gaps at the front and rear of the burner tray.



The Studio 1 comes with 5 embers in total, 4 small and 1 large.

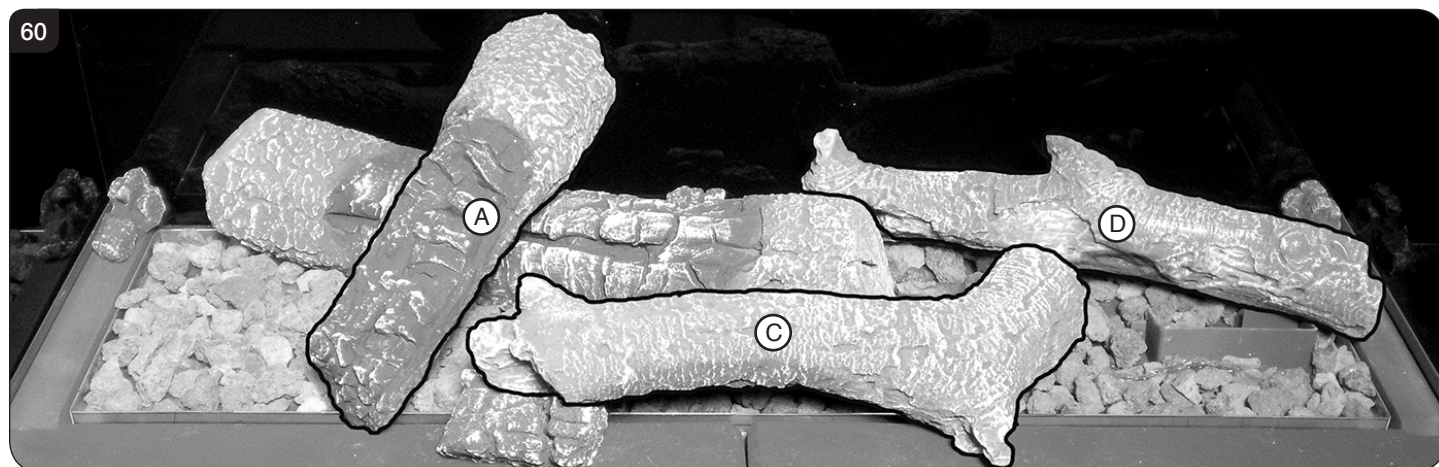
- 11.2 Position the 2 small embers in the left and right back corners, followed by 1 ember in the back centre of the appliance (behind Log B) and one in the front, slightly off-centre, see Diagram 59.

The final ember is placed after all the logs are in position.



Installation Instructions

- 11.3 Log D is positioned in the rear right hand side of the burner tray, and rests on the Pilot Shield, see Diagram 60.
Log C Locates on the front right stud, and rests on the front ember, see Diagram 60.
Log A rests across Log B, and touches the rear panel, see Diagram 60.



There are 2 Log H's, which are positioned on the front corners of the burner tray.

- 11.4 The left Log H is positioned with the charring facing in to the firebox, and the right is positioned with the charring facing out. Once in position the final ember can be placed between Log C and the right hand Log H, see Diagram 61.



- 11.5 Once all the logs are in place, spread the remaining lava rock across the front and side liners, see Diagram 59. **Take care not to spill the lava rock into the pilot area and the air gaps at the front and rear of the burner tray.**

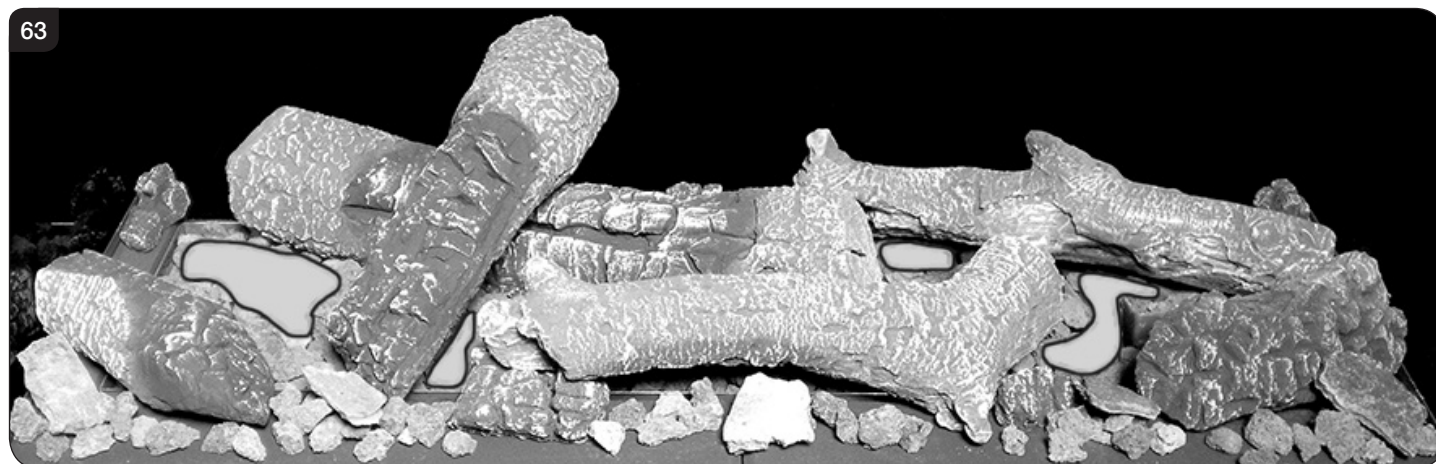
- 11.6 Break the pieces of slate into 2 pieces and spread randomly across the front liner, see Diagram 62.



Installation Instructions

Separate the Embaglow material into smaller pieces and pull into shape to create a fine layer.

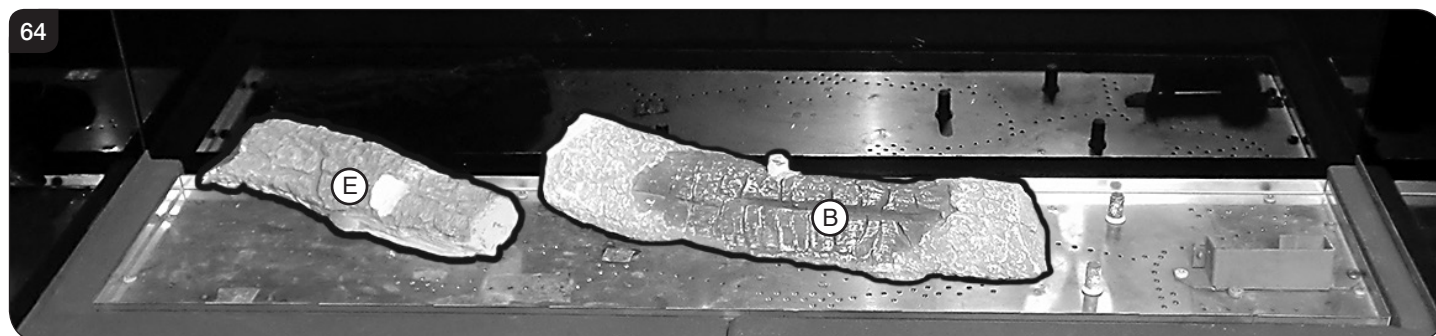
- 11.7 Sparingly spread an amount of the Embaglow fibres provided, covering the ports in the burner tray, see Diagram 63.
Ensure the material is placed loosely to create a random glow.
Take care not to use more than half a packet per application.
WARNING - DO NOT PLACE NEAR THE PILOT AREA.



Layout for Studio 2

All logs can be identified by a letter (A - H) on their underside. Logs, C, E and B, also have holes to locate onto a burner stud.

- 11.8 Log E locates onto the 2 left hand pins and bracket towards the rear of the burner tray, see Diagram 64.
11.9 Log B locates onto the 2 central pins see Diagram 64.



- 11.10 Once in place, spread the lava rock around the burner tray.
Take care not to spill the lava rock into the pilot area and the air gaps at the front and rear of the burner tray.

The Studio 2 comes with 6 embers in total, 5 small and 1 large.

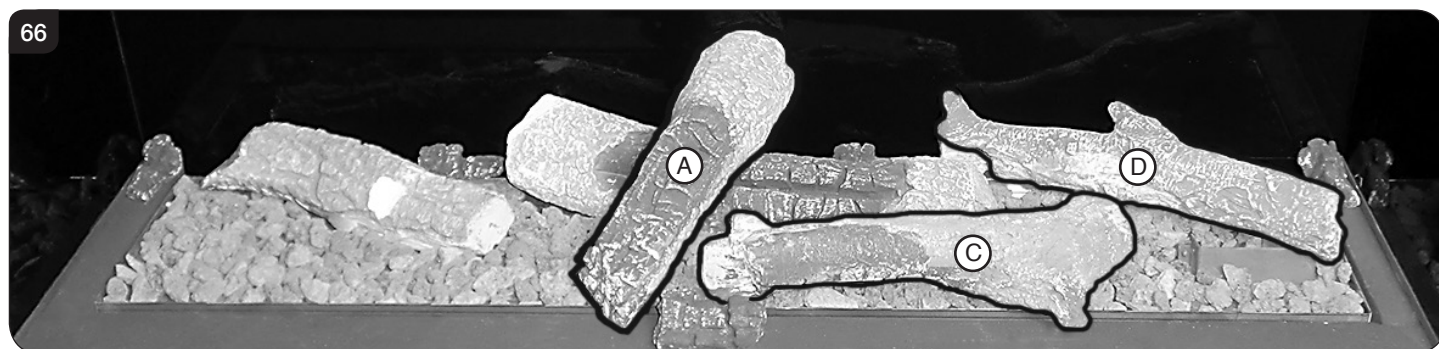
- 11.11 Position 2 small embers in each back corner. The third small ember fits against the back liner, between Logs E and B. The fourth is positioned behind the right hand side of Log B. The large ember is positioned in the middle front of the burner tray, see Diagram 65.

Please note that the final ember is placed after all the logs are in position.



Installation Instructions

- 11.12 Log D is positioned on the right pin to the rear of the burner tray, and rests on the pilot shield, see Diagram 66.
Log C locates onto the front right pin and rests on the large ember, see Diagram 66.
Log A fits onto the stud in Log B and extends to the front liner, see Diagram 66.



- 11.13 Log F is positioned in the grooves in Log E and B, and rests on the front liner, see Diagram 67.
There are 2 Log H's, which are positioned on the front liner. The right hand Log H must be placed with the charred side facing out, and the left Log H with the charred side facing in, see Diagram 67.



- 11.14 Log G sits on the left hand and front liner. Once in place the final ember can be positioned to the right of Log C, see Diagram 68.



- 11.15 Once all the logs are in place, spread the remaining lava rock across the front and side liners, see Diagram 69.
Take care not to spill the lava rock into the pilot area and the air gaps at the front and rear of the burner tray.

- 11.16 Break the pieces of slate into 2 pieces and spread randomly across the front liner, see Diagram 69.



Installation Instructions

Separate the Embaglow material into smaller pieces and pull into shape to create a fine layer.

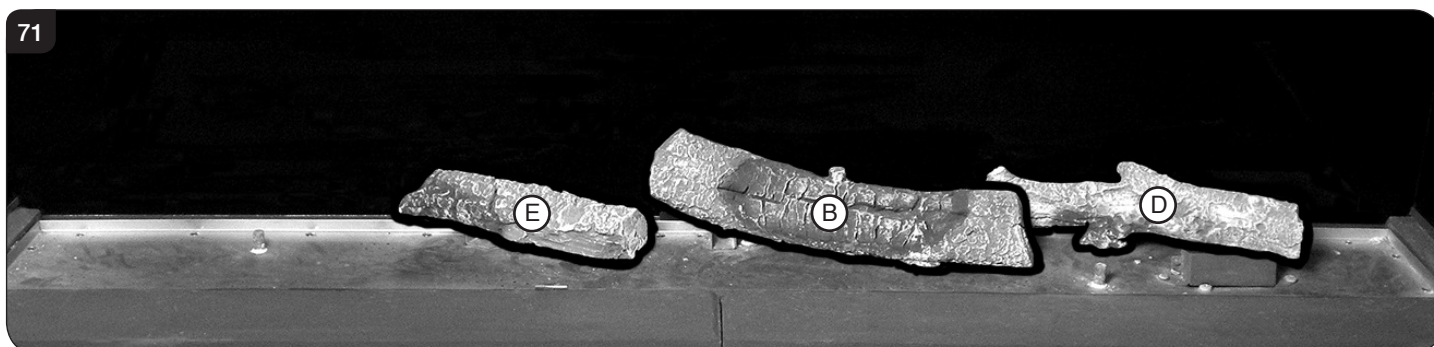
- 11.17 Sparingly spread an amount of the Embaglow fibres provided, covering the ports in the burner tray, see Diagram 70.
Ensure the material is placed loosely to create a random glow.
Take care not to use more than half a packet per application.
WARNING - DO NOT PLACE NEAR THE PILOT AREA.



Layout for Studio 3

All logs can be identified by a letter (A - H & J) on their underside. Logs B, C, D, E and J, also have holes to locate onto a burner stud.

- 11.18 Log E locates onto the left hand middle pin and Log Elevator towards the rear of the burner tray.
Log B locates onto the right hand middle pin and Log Elevator towards the rear of the burner tray.
Log D locates onto the right hand pin and the right hand rests on the far edge of the Pilot Shield, see Diagram 71.



- 11.19 Once in place, spread the lava rock around the burner tray, see Diagram 68.
Take care not to spill the lava rock into the pilot area and the air gaps at the front and rear of the burner tray.

The Studio 3 comes with 4 embers in total, 2 small and 2 large.

- 11.20 Position 2 small embers in the back corner and the large ember on the front tray, see Diagram 72.
The rear of Log C rests on the right hand edge of Log D and place the front on the front lower liner panel, see Diagram 72.
There are 3 x Log H. The first Log H sits in the right hand front corner on the front and side lower liner panels, see Diagram 72.



Installation Instructions

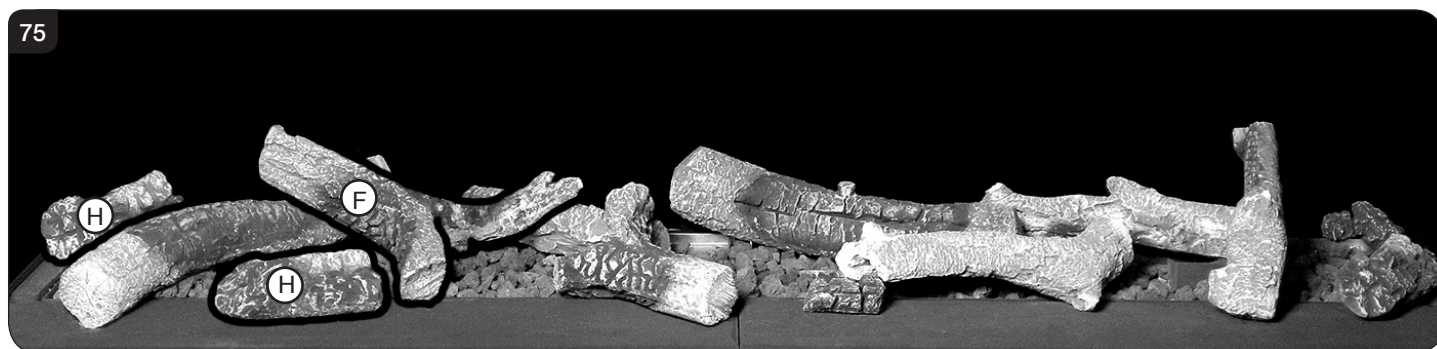
- 11.21 Log K is positioned on the front liner panel with the raised prong resting on the right side of Log E and the lower prong resting on the burner bracket, see Diagram 73.
Log C locates onto the front right pin and rests on the large ember, see Diagram 73.



- 11.22 Log J located onto the far left pin and rests on the edge of the lower front liner panel, see Diagram 74.



- 11.23 Log F sits on the stud in Log J and extends to the front liner, see Diagram 75.
1 x Log H locates in the rear left corner and 1 x Log H sits on the front liner panel, see Diagram 75.



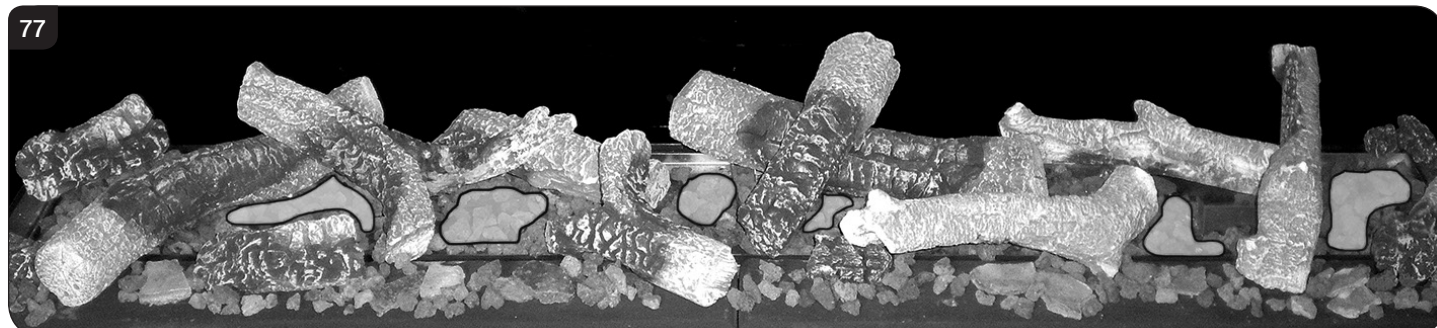
- 11.24 Log A fits onto the stud in Log B and extends to the front liner, see Diagram 76.
Position a large ember in front of the left hand Log H behind Log J, see Diagram 76.
Once all the logs are in place, spread the remaining lava rock across the front and side liners, see Diagram 76.
Take care not to spill the lava rock into the pilot area and the air gaps at the front and rear of the burner tray.

- 11.25 Break the pieces of slate into 2 pieces and spread randomly across the front liner, see Diagram 76.



Installation Instructions

- 11.26 Sparingly spread an amount of the Embaglow fibres provided, covering the ports in the burner tray, see Diagram 77.
Ensure the material is placed loosely to create a random glow.
It is necessary to use the whole packet of Embaglow on the Studio 3.
WARNING - DO NOT PLACE NEAR THE PILOT AREA.



12. Driftwood Layout

LOGS MUST BE POSITIONED ACCORDING TO THE FOLLOWING INSTRUCTIONS TO GIVE THE CORRECT FLAME EFFECT.

THERE ARE TWO LOG SETS - AUTHENTIC LOG AND DRIFTWOOD. EACH SET IS FITTED USING THE SAME METHOD.

Layout for Studio 1

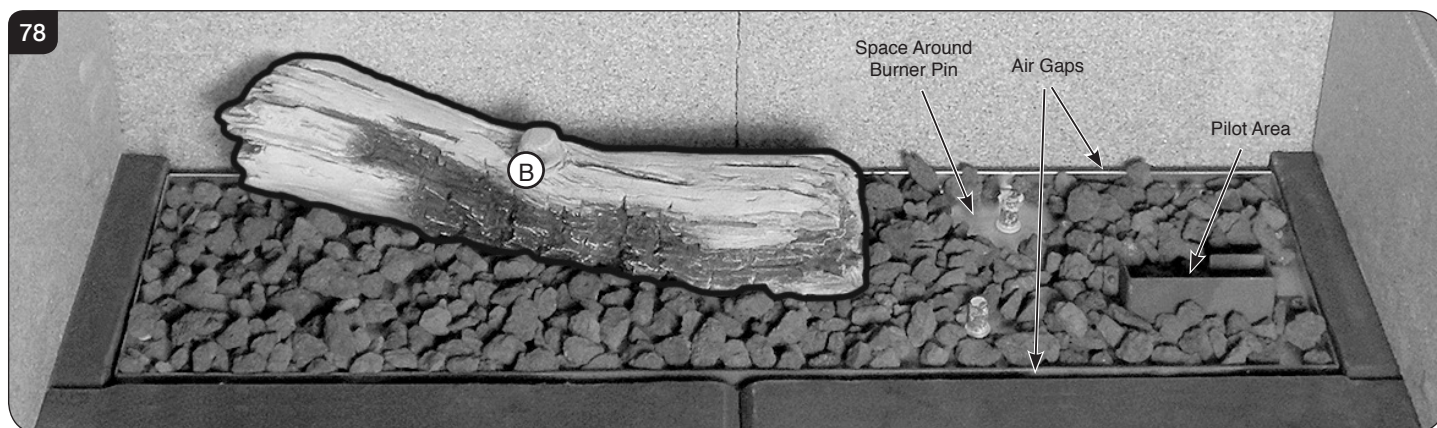
All logs can be identified by a letter (A - H & L) on their underside. Logs C and B have holes to locate each onto a burner stud (please note that the Studio 1 does not have Logs G, E, or F.)

- 12.1 Position log B on the left hand side of the burner tray, locating onto the middle and back left studs and resting on the log elevator.

Cover the remainder of the tray in lava rock, see Diagram 78.

Take care not to spill the lava rock into the pilot area and the air gaps at the front and rear of the burner tray.

Leave the space around the right hand burner pin free from lava rocks for positioning the next log, see Diagram 78.



Installation Instructions

The Studio 1 comes with 6 embers in total, 5 small and 1 large.

- 12.2 Position 2 small embers in the left and right back corners, followed by 1 ember in the back centre of the appliance (behind Log B) and 1 in the front, slightly off-centre, see Diagram 79.

Please note that the final embers are placed after all the logs are in position.

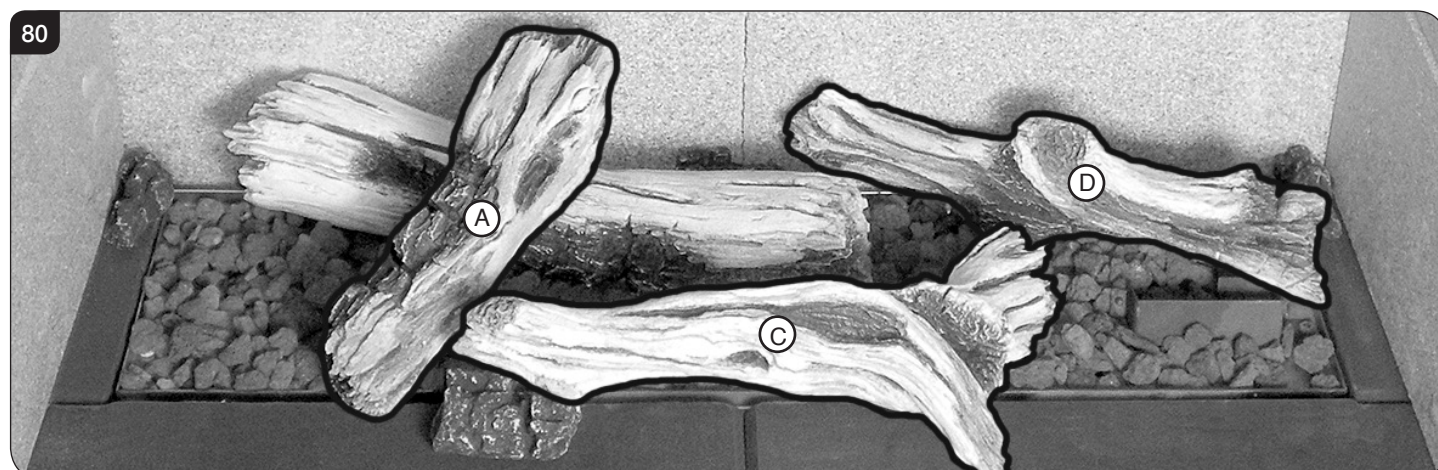


- 12.3 Log D is positioned in the rear right hand side of the burner tray, and rests on the Pilot Shield, see Diagram 80.

Ensure the log rests on the burner tray and not lava rocks.

Log C Locates on the front right stud, and rests on the front ember, see Diagram 80.

Log A fits onto the stud in Log B and extends to the front liner, see Diagram 80.



- 12.4 Log H sits across the right hand and front liners, with the charred side facing out, see Diagram 81.

Log L sits across the left hand and front liners, with the charring facing left, see Diagram 81.

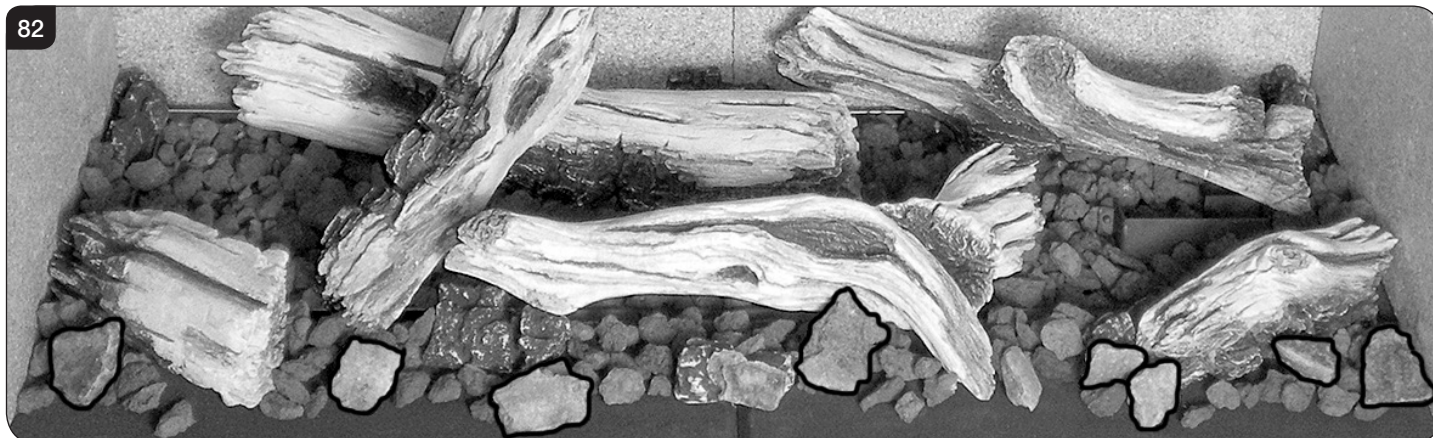
Once all the logs are in place the remaining 2 small embers can be positioned on the front liner.

- 12.5 Position the first small ember between Log C and Log H on the front liner and the second small ember in front of Log C, see Diagram 81.



Installation Instructions

- 12.6 Once all the logs are in place, spread the remaining lava rock across the front and side liners, see Diagram 82.
Take care not to spill the lava rock into the pilot area and the air gaps at the front and rear of the burner tray.
- 12.7 Break the pieces of slate into 2 pieces and spread randomly across the front liner, see Diagram 82.



Separate the Embaglow material into smaller pieces and pull into shape to create a fine layer.

- 12.8 Sparingly spread an amount of the Embaglow fibres provided, covering the ports in the burner tray, see Diagram 83.
Ensure the material is placed loosely to create a random glow.
Take care not to use more than half a packet per application.
WARNING - DO NOT PLACE NEAR THE PILOT AREA.



Layout for Studio 2

All logs can be identified by a letter (A - H & L) on their underside. Logs, C, E and B, also have holes to locate onto a burner stud.

- 12.9 Log E locates onto the 2 left hand pins and log elevator towards the rear of the burner tray, see Diagram 84.
Log B locates onto the 2 central pins and central log elevator, see Diagram 84.



Installation Instructions

12.10 Once in place, spread the lava rock around the burner tray, see Diagram 85.

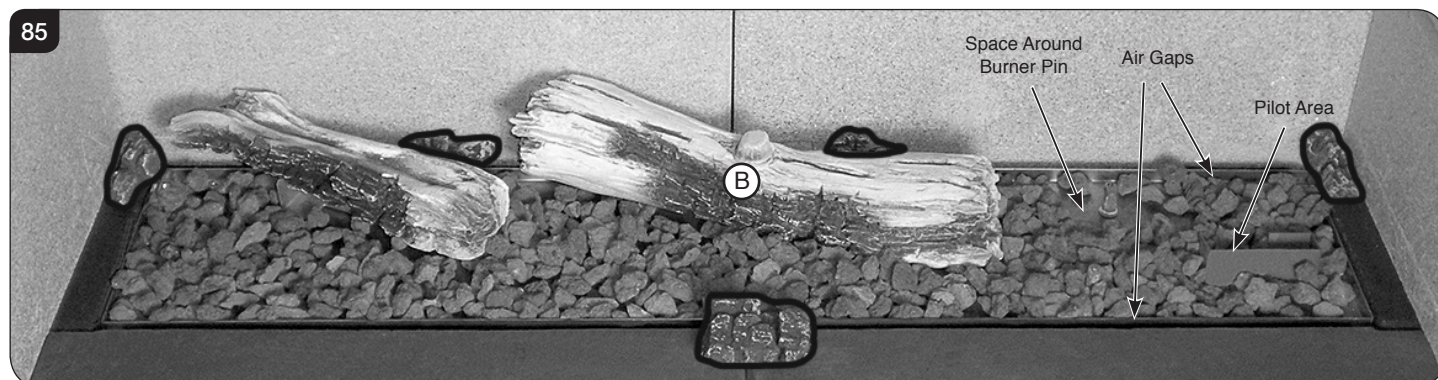
Take care not to spill the lava rock into the pilot area and the air gaps at the front and rear of the burner tray.

Leave the space around the right hand burner pin free from lava rocks for positioning the next log, see Diagram 81.

The Studio 2 comes with 7 embers in total. 6 small and 1 large.

12.11 Position 2 small embers in each back corner. The third small ember fits against the back liner, between Logs E and B. The fourth is positioned behind the right hand side of Log B. The large ember is positioned in the middle front of the burner tray, see Diagram 85.

Please note that the final embers are placed after all the logs are in position.

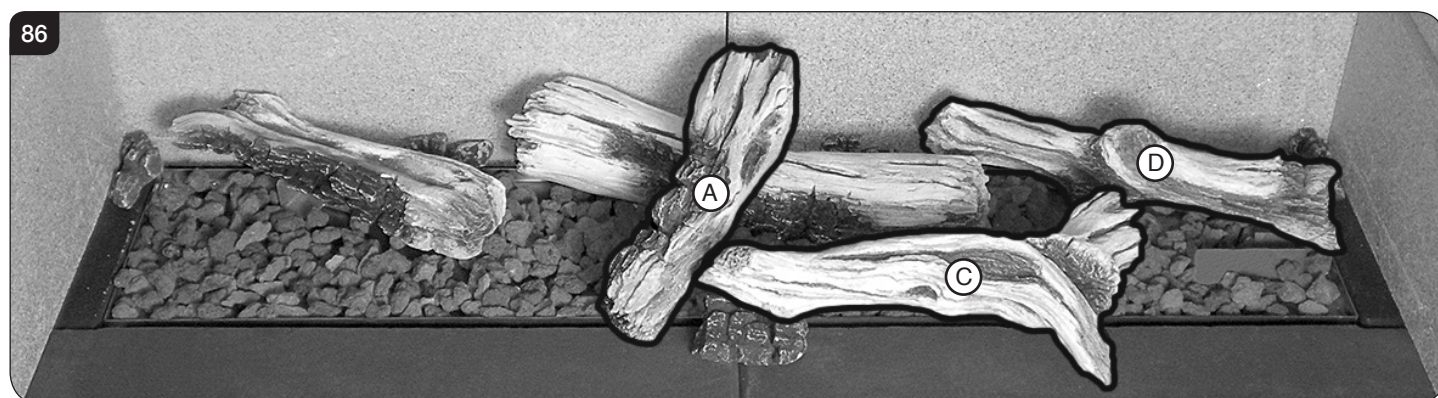


12.12 Log D is positioned on the right pin to the rear of the burner tray, and rests on the Pilot Shield, see Diagram 86.

Ensure the log rests on the burner tray and not lava rocks.

Log C locates onto the front right pin and rests on the large ember, see Diagram 86.

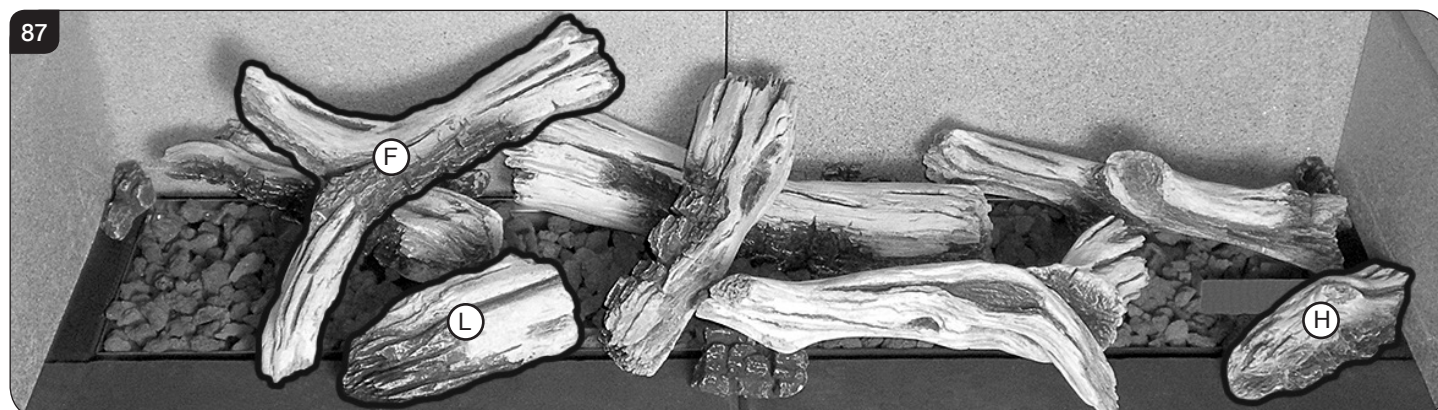
Log A fits onto the stud in Log B and extends to the front liner, see Diagram 86.



12.13 Log F is positioned in the grooves in Log E and B, and rests on the front liner, see Diagram 87.

Log H sits across the right hand and front liners, with the charred side facing out, see Diagram 87.

Position Log L on the front liner between Log F and Log A, see Diagram 87.



Installation Instructions

12.14 Position the left hand side of Log G in the groove of the front air gap with the right hand side resting on Log F, see Diagram 88.

Once all the logs are in place the remaining 2 small embers can be positioned on the front liner.

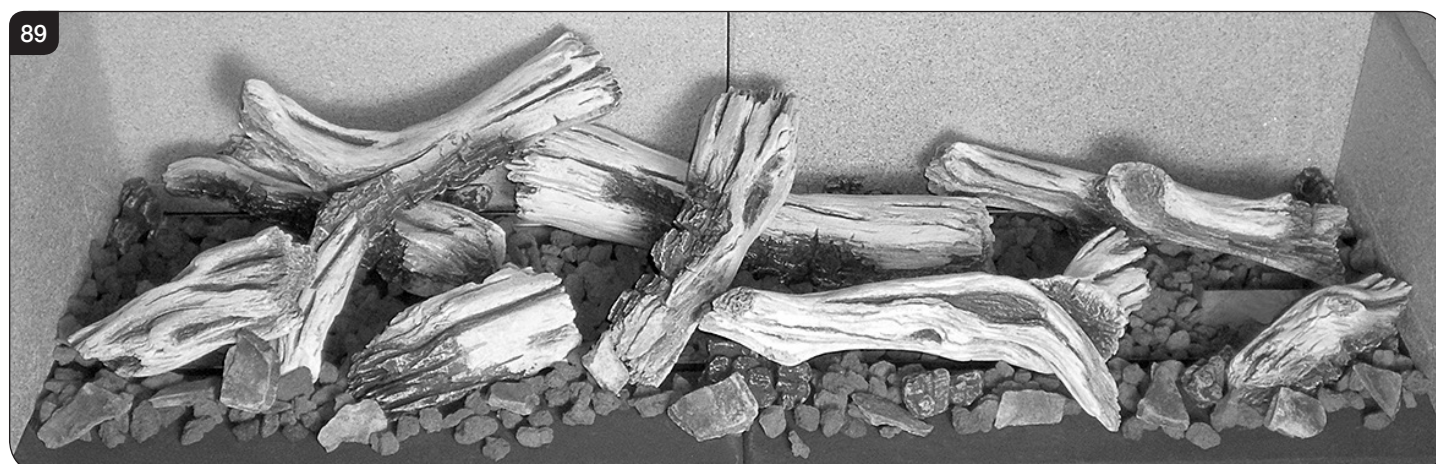
12.15 Position the first small ember between Log C and Log H on the front liner and the second small ember in front of Log C, see Diagram 88.



12.16 Once all the logs are in place, spread the remaining lava rock across the front and side liners, see Diagram 89.

Take care not to spill the lava rock into the pilot area and the air gaps at the front and rear of the burner tray.

12.17 Break the pieces of slate into 2 pieces and spread randomly across the front liner, see Diagram 89.



Separate the Embaglow material into smaller pieces and pull into shape to create a fine layer.

12.18 Sparingly spread an amount of the Embaglow fibres provided, covering the ports in the burner tray, see Diagram 90.

Ensure the material is placed loosely to create a random glow.

Take care not to use more than half a packet per application.

WARNING - DO NOT PLACE NEAR THE PILOT AREA.

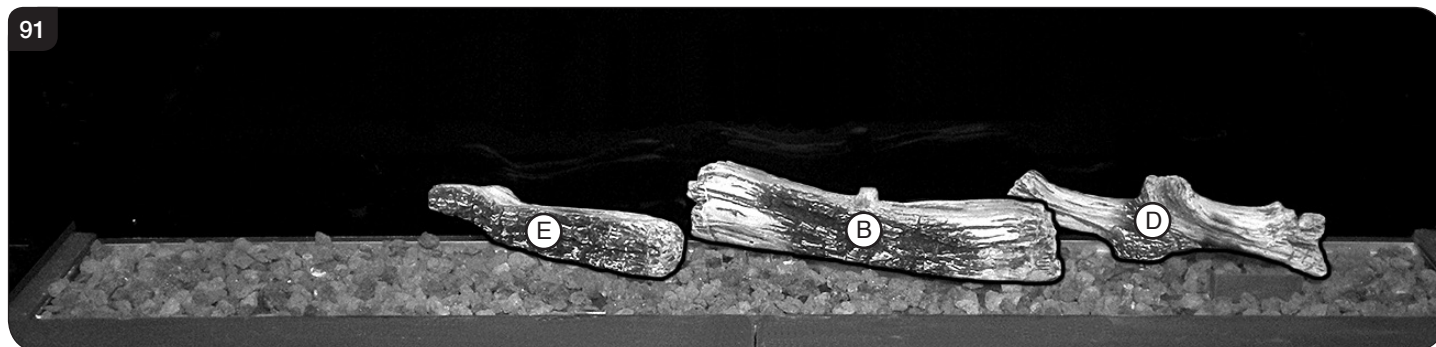


Installation Instructions

Layout for Studio 3

All logs can be identified by a letter (A - H, J & M) on their underside. Logs B, C, D, E and J, also have holes to locate onto a burner stud.

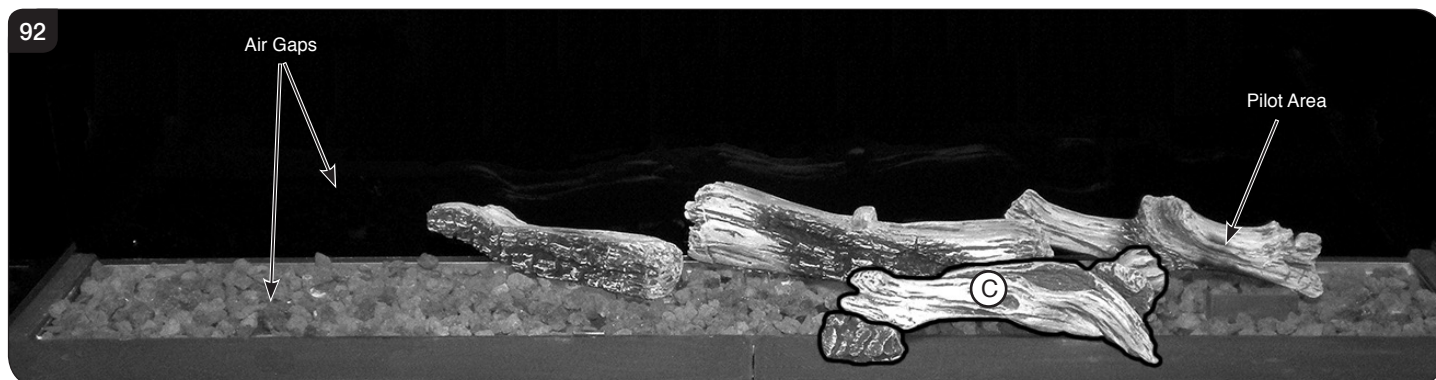
- 12.19 Log E locates onto the left hand middle pin and Log Elevator towards the rear of the burner tray.
Log B locates onto the right hand middle pin and Log Elevator towards the rear of the burner tray.
Log D locates onto the right hand pin and the right hand rests on the far edge of the Pilot Shield, see Diagram 91.



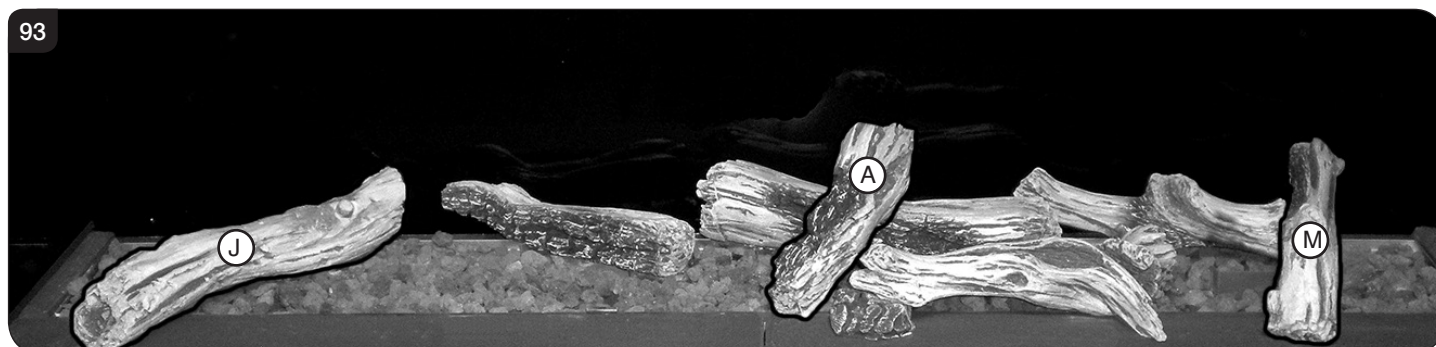
- 12.20 Once in place, spread the lava rock around the burner tray, see Diagram 92.
Take care not to spill the lava rock into the pilot area and the air gaps at the front and rear of the burner tray.

The Studio 3 comes with 4 embers in total, 2 small and 2 large.

- 12.21 Position the large ember on the front right lower liner panel, see Diagram 92.
The rear of Log C locates on the burner pin and place the front edge sits on the large ember, see Diagram 92.



- 12.22 Log J is positioned on the front lower liner panel with the rear resting on the pin at the rear of the fuel bed, see Diagram 93.
Log A located on the stud on Log B and the front edge on the edge of the burner tray, see Diagram 93.
The rear of Log M rests on the right hand edge of Log D and place the front on the front lower liner panel, see Diagram 93.

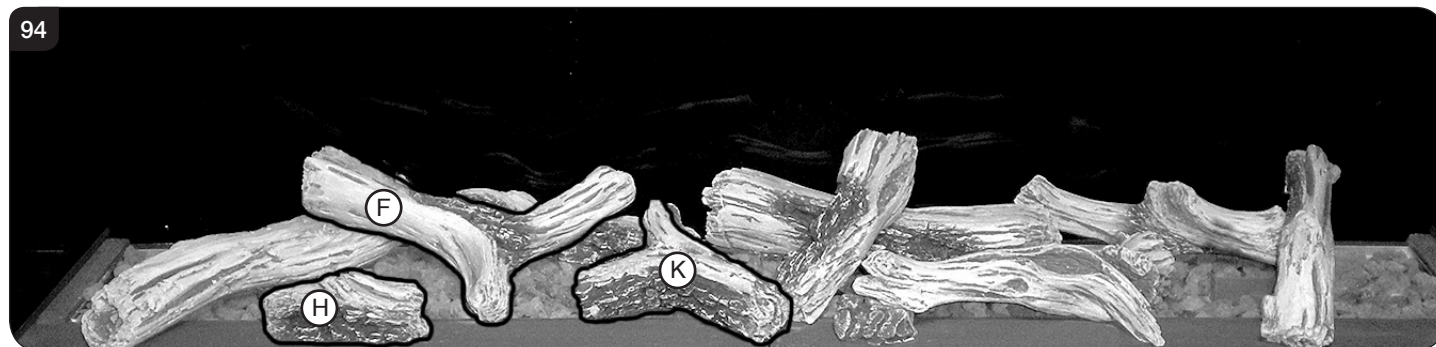


Installation Instructions

12.23 Log F sits on the stud in Log J and extends to the front liner, see Diagram 94.

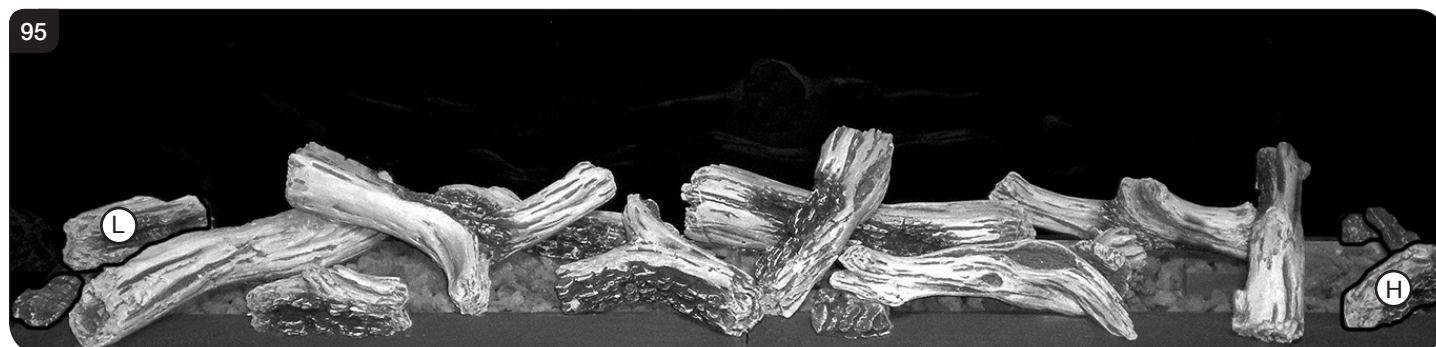
1 x Log H sits on the front liner panel, see Diagram 94.

Log K is positioned on the front lower liner panel with the raised prong resting on the right side of Log B, see Diagram 94.



12.24 1 x Log L locates in the rear left corner and 1 x Log H sits on the front liner panel, see Diagram 95.

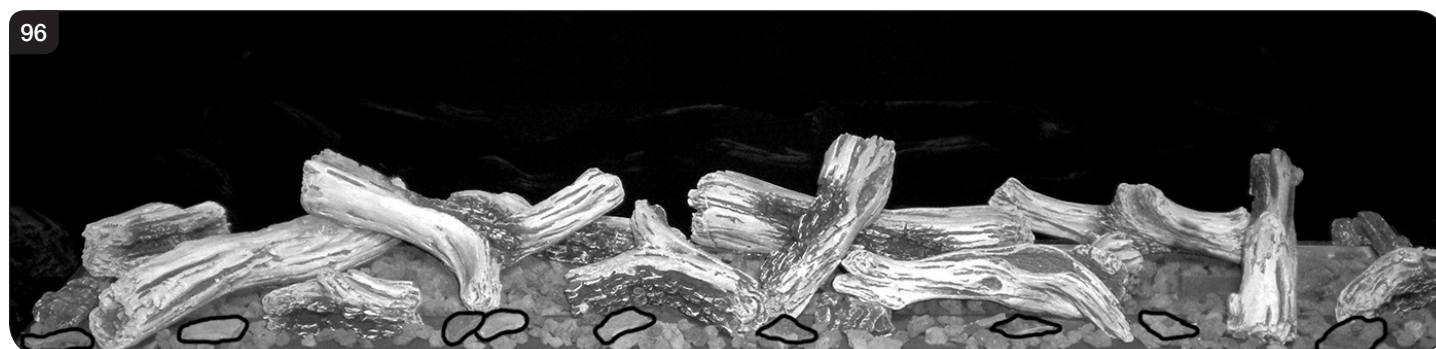
Position a large ember in front of the left hand Log L behind Log J, and 2 small embers in the back right hand see Diagram 95.



12.25 Break the pieces of slate into 2 pieces and spread randomly across the front liner, see Diagram 96.

12.26 Spread the remaining lava rock across the front and side liners, see Diagram 96.

Take care not to spill the lava rock into the pilot area and the air gaps at the front and rear of the burner tray.

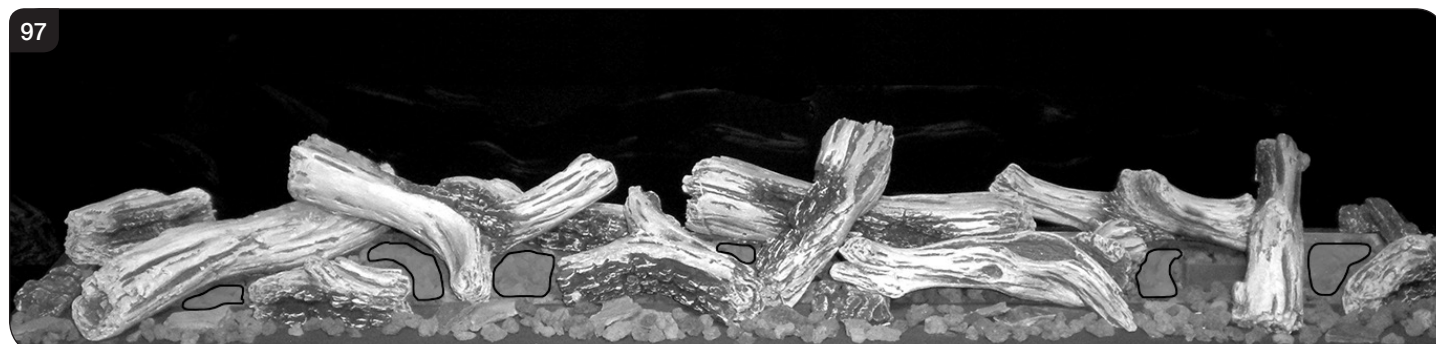


12.27 Sparingly spread an amount of the Embaglow fibres provided, covering the ports in the burner tray, see Diagram 97.

Ensure the material is placed loosely to create a random glow.

It is necessary to use the whole packet of Embaglow on the Studio 3.

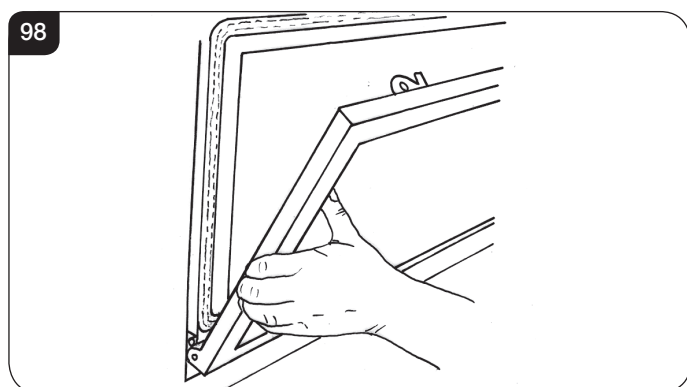
WARNING - DO NOT PLACE NEAR THE PILOT AREA.



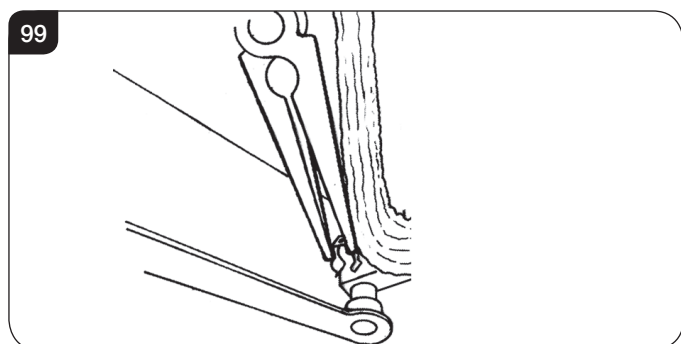
Installation Instructions

13. Completion of Assembly

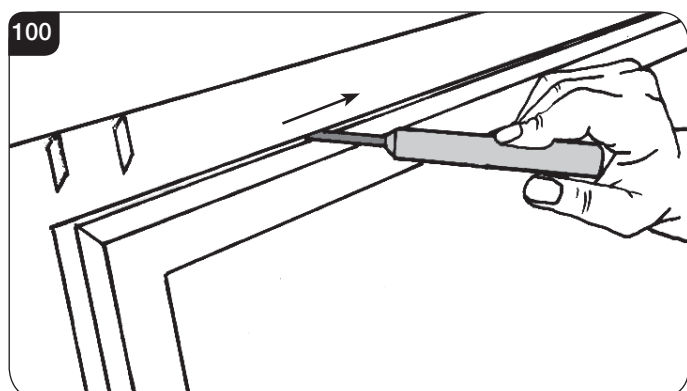
- 13.1 To fit the window frame keep the frame in the upright position with the locks uppermost.
- 13.2 Offer the frame to the foot of the opening.
- 13.3 Slide the frame to the right to locate the right hinge pin.
- 13.4 Manoeuvre the frame up towards the left side to locate the left hinge pin.
- 13.5 Slide onto the hinge with a right movement.



- 13.6 Secure in place with a spring clip at the right hinge pin, see Diagram 99.



- 13.7 Close the window.
- 13.8 Using the hexagon key provided close the window locks by moving from open to shut towards the window centre, see Diagram 100.



- 13.9 When closing the door ensure the door catches are fully engaged.



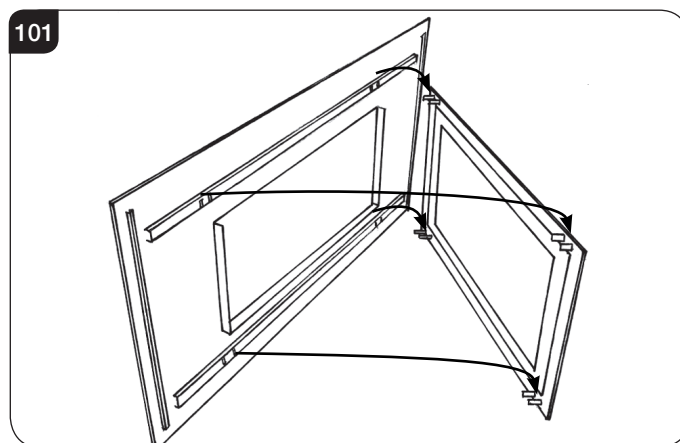
UNDER NO CIRCUMSTANCES SHOULD THE APPLIANCE BE USED WITHOUT THE CATCHES HOLDING THE DOOR IN PLACE.

14. Decorative Frame

The fitting of the frame requires 2 people.

To attach the frame:

- 14.1 Rest the lower fixing angle of the frame onto the bottom brackets attached to the appliance flange.
- 14.2 Lift the upper angle onto the top brackets and lower, see Diagram 101.

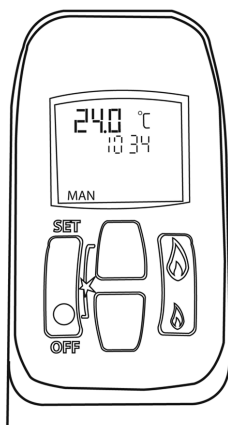


Installation Instructions

15. Lighting the Appliance

The appliance is operated by thermostatic remote control. This remote controls the appliance from pilot ignition through to shut down.

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In 'MANUAL MODE' you can:

- light the pilot
- turn on the main burner
- regulate the flame from low to high and back
- turn off the burner leaving just the pilot burning

In 'TEMP MODE' you can:

- set the room temperature so the appliance automatically maintains that temperature

In 'TIMER MODE' the fire:

- turns on and off according to the set time periods
- automatically regulates the room temperature during the set periods

15.1 Turning the appliance On

Your remote can control the gas fire from pilot ignition through to shut down.

To turn the fire on press the OFF button and the UP button simultaneously. You hear several short signals.

The pilot and main burner ignite and the remote is now in Manual Mode.

Turning the appliance Off:

Press the OFF button to turn the appliance off.
FOR SAFETY, YOU MUST WAIT 30 SECONDS BEFORE LIGHTING THE FIRE AGAIN.



WARNING: IF THE APPLIANCE FAILS TO LIGHT OR BECOMES EXTINGUISHED IN USE, WAIT 3 MINUTES BEFORE ATTEMPTING TO RELIGHT.

FOR FULL OPERATING INSTRUCTIONS AND TROUBLESHOOTING SEE USER INSTRUCTIONS.

Troubleshooting



IMPORTANT: In the unlikely event that the handset fails to communicate correctly with the appliance it may be necessary to turn off the gas supply at the isolation valve until any problems can be resolved.

The gas meter and isolation valve can be located outside in a meter box, under the stairs, beneath the kitchen sink or in the garage. Whilst this list is not exhaustive, it is important to be able to identify the location of the valve in case of any gas emergency.

To turn off the gas supply, simply turn the handle so the lever is at 90 degrees to the upright gas pipe.

If you smell gas, open doors and windows and never operate any electrical switches. Immediately call the Gas Emergency Services.



IMPORTANT: YELLOW FLAMES TYPICALLY APPEAR WHEN THE APPLIANCE HAS REACHED NORMAL OPERATING TEMPERATURE. THIS CAN TAKE UP TO 30 MINUTES.

Commissioning

1. Commissioning

- 1.1 Complete the Commissioning Checklist at the front of this manual covering:

- Flue checks
- Gas checks
- Log layout - flame picture

For working pressure test, use the access panel at the gas connection ensuring the burner is in position. Refer to Technical Specifications, Pages 6 & 7.

- 1.2 Ensure all safety checks listed in the Commissioning Section are completed, paying particular attention to the glass panel checks and securing of the glass frame.

- 1.3 Upon completion of the commissioning and testing of the installation and correct operation of the appliance, the installer must instruct the user how to operate the appliance.

- 1.4 Guide the user through the User Instructions paying particular attention to:

- a) Regular servicing (Section 7 of the User Instructions).
- b) Ventilation (Section 8 of the User Instructions) - point out the ventilation positions where applicable.
- c) Hot surfaces (Section 10 of the User Instructions).
- d) How the appliance works with the remote control handset and the modes of operation (Section 2 of the User Instructions).
- e) How to change settings in the auto mode and program modes of operation.
- f) What to do if the appliance fails to operate (Section 11 of the User Instructions).

Reprogramming handset/Control box

To access the control box see Servicing Instructions, Section 10 - Main Control Assembly.

- Press and hold the reset button on the control box until you hear two signals. After the second longer signal:
 - Release the reset button and within 20 seconds:
 - Press the DOWN button on the handset until you hear two additional short signals confirming the new code is set.
- If there is a single long signal the code learning sequence has failed or the wiring is incorrect.

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